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Conquest of the New World DELUXE EDITION

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Conquest of the New World is a game in which you control a native civilization or an expeditionary force from one of five European countries. You compete against other such players in the hopes of establishing control of the New World during the sixteenth century. Note, this is not a game that simulates the actual discovery and colonization of the Americas; a New World is generated at the beginning of each game and each New World (and game) is, therefore, unique.

Your job is to explore the New World, establish thriving colonies, produce and trade goods, and eliminate your opponents or defend your claims from your opponents. Each player sets their own objectives for each game. For some players, winning the game may primarily involve finding lots of new landmarks in the New World and establishing many colonies. For other players, the main objective may be to establish supremacy in the New World by eliminating opponents. The game ends when the preset number of turns has elapsed or when one player achieves the winning number of victory points. For those players who care less about winning than about playing for fun, there is an option to play an indefinitely long game, which will only end for that player if he or she is eliminated by opponents.

Designers' Note: *Conquest of the New World* is not a game that depicts what occurred in the 16th century in historically accurate detail. Instead, it provides an opportunity to participate in the spirit of the 16th century's drive for exploration and world conquest. In some sense, it offers multiple alternate "realities" to explore rather than a way to play through what actually occurred.

Using the Mouse

Throughout this manual, the term *clicking*, unless otherwise indicated, refers to pointing and clicking on the indicated item with the left mouse button.

Starting a New Game



Figure 1 This is the Game Menu screen.

To begin a new game, click on the New Game button from the Game Menu screen (Figure 1). You can play a solitary game against zero to five computer opponents, or you can play a multiplayer game against up to five other human and computer players.

The Game Menu screen also allows you to continue from a saved game position, practice combat techniques with a combat demo, or quit playing. In addition, you can select the Options button to turn

sound effects on or off, to turn animations on or off, to alter the maximum “zoomed in” level, to turn textures on or off, to turn the appearance of the Colonial Gazette (see Ending Your Turn and Pausing the Game in the Tutorial Scenario chapter) on or off, and to establish a net work or modem connection with other players (see the Multiplayer Games chapter for details). The Options button also lets you “edit” your player, allowing you to take over the computer player’s position or allowing the computer to take over your position.

Since the first thing you should do is play a solitaire Tutorial game, click on the New Game button under the Solitaire tab of the Game Menu screen. This will take you to the Scenario screen (Figure 2) where you can select the scenario you wish to play or choose to custom make your own game (see Custom Making Your Own Game).



Figure 2. From this screen, you can choose the scenario you wish to play or choose to create your own scenario.

For now, click on the Tutorial button to start a helpful, educational introductory scenario.

The Tutorial scenario is set up as a series of four missions in which you lead an English expedition to the New World. In the first mission, you will learn how to use your Ship to explore and how to disembark units from the Ship. You will learn the basics of what each unit type does. Finally, you will use your units to explore the New World and to discover great new landmarks.

The second mission is to found a colony with your Settler, and the third mission is to start building the colony into a thriving settlement. The final mission is to prevent your computer opponent from establishing a new colony or to capture his new colony, if one already exists.

Note: You may rename your character by typing a new name into the space provided. Although you can change your name, you cannot change your country (England).

Mission 1: Establish Leedfell and Discover Three Major Features in the New World

The King of England has sent you to discover some of the riches in the New World. You have ten turns in which to disembark your units onto the New World and to find three major landmarks.

The following sections describe some of the basic information you should know about the Game screen (Figure 3), exploration, and discovering landmarks.



Figure 3. This is the Game screen where most of the major events in the game occur.

Using the Help Feature

As you play this Tutorial, helpful screens will appear explaining how to explore, how to disembark from your Ships, and how to do just about everything else. If you need help both during this scenario and during other scenarios, simply right-click on the unit, button, or other on-

screen items for more information about them.

The Game Screen

Everything takes place in the Game screen (Figure 3). At the top of the screen you will see a Status Bar that provides important feedback on limitations or requirements of certain actions you may wish to take with units or colonies. Also, at the top of this screen is a series of buttons that allow you to do a number of things. These buttons and their functions are described in the following sections.

Closing and Manipulating Windows

Whenever a window has been opened, you can close it by clicking on the Close box in the top left corner of the window or by hitting the ESC key. There are a few windows that have no Close box. For most of these, you must choose one of the indicated options in order to close the window. For others (such as when the Colonial Gazette appears at the beginning of each turn), close the window by clicking on it.

To move windows to a different location on the Game screen, click on a part of the window that has no button or scroll box. Then drag the window to a new location on the Game screen.

The Mission Button

By clicking on the Mission button at the top of the game screen you can obtain a refresh on your current objectives.

The Main Menu Window and the End Game Turn

Clicking on the Menu button at the top right corner of the screen brings up a series of important game options (the Main Menu window; see Figure 4).



Figure 4 The Main Menu window offers many important game options.

Ending Your Turn and Pausing the Game

When you have finished moving your pieces, developing your colonies, and conducting other business, such as trade, click on the End Turn button or hit the E key on your keyboard to finish your turn. An End Turn button is present both in the Main Menu and at the top of the Game Screen.

When all players (computer or human) have ended their turns, the computer will determine the results of each player's turn. When you are playing a solitary or network game (see Multiplayer Games), any combat will then be conducted on a tactical battlefield. If you are playing via email, the computer will conduct all combat and inform you of battle results at the beginning of your next turn.

When the computer is finished determining what has occurred (nothing officially occurs until all players' turns are ended), you will see a copy of the Annals of History which contains interesting historical facts pertaining to the period unless this feature has been disabled. Following the Annals of History is the Colonial Gazette (Figure 5) which will keep you apprised of important game events and the current scores of all players. Note, each turn takes one year and the game begins in the year 1493.



Figure 5. The Colonial Gazetteer is the only place in which to pause your game.

Short of exiting the game, the Colonial Gazetteer screen is the only place you can safely “pause” your game play without accruing time penalties to your victory point score (see Custom Making Your Own Game).

Note: Once you have completed your turn by clicking on the End Turn button, there is no way for you to go back and change what you have done. Therefore, make certain that you have done everything to your satisfaction before ending your turn.

Saving and Exiting Your Game

Click on the Save & Exit button on the Main Menu window to save your game and to return to the Game Menu screen. By exiting the game, you will stop the bonus/penalty awarding timer (see Custom Making Your Own Game).

When you return to continue your game, you will continue playing on the current game turn. Your turn will not be completed until you end your turn by clicking on the End Turn button.

When you are playing a Solitaire game, you can save a copy of your current game, under a new name, by clicking on the Save As button. This will prompt you to enter a name for this saved game. When you have completed saving your game in this way, you will return to the current game under its original name. Or, you can click Exit to exit the game and discard all of the moves you have made. **Note:** These features are not available in multi-player games.

Unit List and Manipulating Units



Figure 6. A Unit List

Clicking on the Unit List button brings up a list of all units and colonies in your game (Figure 6). It also shows the units attached to Leaders, colonies, and Ships by listing these units in outline form under the unit or colony to which they are attached. (That is, attached units will be indented and underneath the units or colonies to which they are attached.)

At the bottom of the Unit List window are four Category buttons. Use these buttons to set up this window to show you exactly what you want. For example, placing a check mark in the box next to “Ships” (by clicking on the box if there is no check mark there) ensures that your Unit List includes all your Ships. The same is true for all your colonies, military units, and civilians (Explorers and Settlers). If you wish to remove a unit type from the list, click on the box next to that unit type to remove the check mark.

To locate a particular unit's position on the Game screen from this list, highlight the unit by clicking on it and then click on the Find button. This will center the Game screen on that unit or colony.

To detach a unit from a Leader, colony, or Ship (which must be next to land), highlight the unit and click on the Detach button. Alternatively, click on the unit in the list and drag it to the Game screen. The unit will then appear next to the colony or unit from which it was detached. To do the same thing with more than one unit, hold down the SHIFT key while you select units to detach. Then, either click on the Detach button or drag the units to the Game screen.

There are two other ways to detach units from Ships without using the Unit List. For either method, the Ship must be next to the shore. Double click on the Ship to bring up the Ship window (Figure 7). To detach all the units from the Ship, click on the Disembark All button. To detach only specific units, click on the Cargo button and then click on (to highlight) the unit(s) you wish to disembark. Finally, click on the Disembark button to get that unit off the Ship.



Figure 7 Ship Window

You may use the Unit List to attach units to Leaders, colonies, or Ships. Select such units by clicking on their name in the list and then drag them to their target (in the list). This only works if the unit and its target are in the same location in the New World. You may also attach units to Leaders, colonies, or Ships that are by the shore using the Game screen. Click on the units and drag them to the Leader, Colony Center (see the *Founding A Colony* section in the *Colonies and Trade* chapter), or Ship. If they can walk far enough on this turn to get to their target, they will attach to the target. Otherwise, you may need to wait until a later turn to attach them.

For more information on attaching and detaching units and reorganizing units in the Unit List, see the *Attaching, Detaching, and Reorganizing* section in the *Units* chapter. For more information on units, see the *Units* chapter.

Diplomacy



Figure 8 The Diplomacy window

The Diplomacy button takes you to the Diplomacy window (Figure 8) from which you can send embassies to other players, pay your taxes, and alter your relationships with other players and your Mother Country. For this scenario, you will not need to know how to do any of this. Your taxes are set to "automated" so they will be paid automatically from your colonies' Gold and coin modlines. See the *Diplomacy* chapter for more details on the use of diplomacy in *Conquest of the New World*.

Messages

Clicking on the Messages button will list the significant events (Figure 9), if any, that transpired at the end of the preceding game turn.

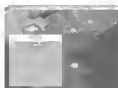


Figure 9 The Messages window

Close this window by clicking on its center.

Note: a Messages Window will automatically appear at the beginning of a game turn when significant events have transpired on the preceding turn.

Game Scores

Clicking on the Game Scores button brings up information on how many victory points you have accrued to date (Figure 10). By clicking on the Current Standings button you will get information on how your opponents are doing as well (Figure 11). While it does not matter for this scenario, in other games the victor is determined by who reaches the preset winning score first or who, by the time the preset number of game turns have transpired, has the highest number of victory points.

For more information on winning the game and factors influencing your victory points see the chapters on Custom Making Your Own Game and Winning The Game.



Figure 10 Game Scores screen



Figure 11. Comparing Your Score With Your Opponents' Scores.
The Current Standings window

Auto Map

Clicking on the Auto Map button brings up a small "zoomed out" picture of the world in the bottom left of your Game screen (Figure 12). This picture can help you orient yourself and can give you a "big picture" sense of the world. Colonies and native settlements appear as clumps of red dots on this Auto Map.



Figure 12 The Auto Map feature

The white box in the center of the Auto Map shows the area that is currently visible on the Game screen. This area will grow and shrink (as does the Game screen) when you Zoom In or Zoom Out (see *Zooming In and Zooming Out*).

You may use the Auto Map feature to jump to other areas of the New World. Click on any point in the Auto Map window to center the Game screen on that location. You may also scroll around both the Game screen and the Auto Map by clicking and dragging your mouse on the Auto Map.

Options

This button takes you to the Options window (Figure 13) where you can adjust the sound, animations and the maximum level for zooming in. You may also select to skip the Colonial Gazette, set up Network play, and "Edit" your player by turning its control over to the computer or by assuming control over a computer player.



Figure 13 The Options window

Status Bar and Timer

The Status Bar runs along the top of the Game screen. **Note for users with 8 megabytes of RAM:** turning off final zoom can improve your machine's performance significantly. Often, as you try to move units and build and develop colonies, this bar will provide you with important information. For example, it may tell you that you can't build a certain structure because you are short

of raw building supplies. Pay close attention to this Status Bar as you play the game.

If you are playing with the Play Time Bonus (see the Custom Game Setup Screen), you will see a changing number on the right side of the Status Bar. This number starts out black at the beginning of each of your turns and decreases in value as time passes. If you complete your turn while this number is still black (positive), you will earn the indicated number of victory points as a bonus for quickly finishing the turn. If the number is red (negative) by the time your turn is complete, that many victory points will be deducted from your score.

Zooming In and Zooming Out

The + and - buttons on the top of the Game screen allow you to zoom your view of the world in and out so that you can see things at a detail level you prefer. Be careful not to zoom out too much when you're trying to move around, however, as some items will disappear from view.¹

To zoom in to the closest view or to zoom out to the farthest view, hold down the SHIFT key while clicking on the + or - buttons.

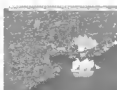


Figure 14 Zoomed-In Picture

You may also use the + and - keys on your keyboard to zoom in and out of your Game screen

The Next Button

When you wish to move your units, you may cycle to your next unattached unit (see Units chapter) by clicking on the Next button at the top of the Game screen. When all your unattached units have used up their movement allotments, this button will be grayed out.

You may cycle through selected unit types by using the F1 through F4 buttons on your keyboard:

F1 KEY: Next Colony

F2 KEY: Next Leader

F3 KEY: Next ship

F4 KEY: Next Explorer

Note: The Next button will not take you to each of your colonies. To cycle through your colonies in order to manage them, use the F1 key.

Exploring, Exploration, Mass Movement, and Discovering Major Landmarks

Your first mission is to establish landfall and start exploring the New World. To disembark units from your Ship, click on the Ship. Then either click on Disembark All to move everyone off the Ship at once, or click on the Cargo button, highlight the unit you wish to leave the Ship, and click on the Disembark button.

Your Explorers can move further and more easily over all terrain types than any other unit. Select an Explorer by clicking on it and direct it where to go by dragging it to another spot on the map. It will do its best to get there in the most efficient way possible. **Note:** Units cannot cross lakes or walk on ocean squares. You may make any unit travel more quickly by holding down the SHIFT key while the unit moves. You may also change your destination by clicking on the unit (even while moving) and dragging it elsewhere.

For more efficient exploration, hold down the CTRL key while units move. If you click on the Game screen with the CTRL key depressed, the moving unit will start moving towards that spot. This is a very fast and efficient way to explore unknown territory (especially when you are trying to follow a new landmark such as a river or mountain range).

If you wish, you may press the Explore button on the Explorer's window (Figure 15). The unit will automatically explore local area for you. **Note:** The SHIFT key will speed up this movement as well. If you have chosen the Explore feature, the button will read "Halt" instead. Click on the Halt button to stop exploring in this way.

All units have a Movement Allowment that is represented by a red bar (Moves Remaining) on the unit's window (Figure 15). As the unit expends movement points, the red bar will decrease in length and eventually disappear when the unit has moved all it may during the current game turn.

Click on the Persistent box in a unit's window to place a check mark there. When this Persistent box is checked, units that can explore will do so automatically at the beginning of every turn. For all units, clicking on this box will allow the unit to move to a desired destination over the course of several turns. If you change your mind and wish to control a unit's movement, click on this box again to remove the check mark.



Figure 15: An Explorer window. The Moves Remaining Bar decreases in length as the unit expends its movement allotment through exploration.

You may explore the coastline with your Ship in the same way. Either click on the Ship and drag it to where you wish it to go or click on the Explore button.

Other units (Leaders, Infantry, Cavalry, Artillery, and Settlers) may only be moved by clicking and dragging. They

all move considerably less distance per turn than Explorers do, but their primary functions are different as well.

To cycle to the next unattached unit with a remaining movement allotment, click on the Next button at the top of the Game screen. When all units have expended all their movement points, this button will be grayed out. Note: Units attached to Leaders or Ships automatically travel with those units. Units attached to colonies stay within the colony until you detach them (see the Attaching, Detaching, and Reorganizing section in the Units chapter).

As your units explore the New World, they will uncover terrain of all types. Among the things they will discover are rivers, mountains, mountain ranges, and great regions. When you discover one of these, you will be asked to name it. Name your discovery in the window that appears (Figure 16). If you are the first to discover this landmark, it will be named according to your dictates at the beginning of the next game turn. You may also find a Special Discovery, like a Diamond Deposit or a Gold Vein. These give you special bonuses, as you'll see later.

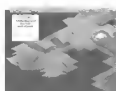


Figure 16: You Have Discovered

You will gain victory points for discovering major landmarks. Furthermore, if you have discovered the longest river, highest mountain, etc., at the end of the game you will receive bonus victory points for this discovery. If, however, someone else has found such landmarks at the end of the game, they will earn those bonuses. To see what bonuses you have earned, click on the Menu button and select Game Scores.

When you have discovered three major landmarks, your first mission in the Tutorial scenario is complete. Note, you must discover three landmarks by the end of the tenth turn or the King will have you beheaded! Even before that, however, he will become extremely impatient with you. Make an extra effort to look for mountains and rivers. By moving along any mountain ranges or rivers you come upon, you will quickly make important discoveries.

For more information on movement, Explorers, and discoveries, look under the appropriate sections in the Units chapter.

Mission 2: Found a Colony

When you have completed your first mission, you will get a second edict from England. This is to take the new Ship that you've been sent and bring it to land. Place a Settler on a suitable location in the New World (with lots of flat land and other goodies) and found a colony. You must complete this mission before 20 turns total have elapsed.

Settler Units

Settler units look like little pilgrim women (Figure 17). They are the slowest moving pieces in the game and have no combat ability, but they carry with them all that is necessary to establish a new colony. Since Settlers move so slowly, it is a good idea to leave them on the faster-moving Ship until they are near a good colony site. Then disembark them, move to a new site, and found a colony by clicking on the Found button. Note: The Found button will be grayed out if you cannot establish a colony at the site you have chosen. Move your Settler around until the button is no longer grayed out.



Figure 17 Settler units can found new colonies.

Founding a Good Colony

While you will find more detailed information on colonies in the Colonies and Trade chapter, this section provides a brief synopsis of this information to get you started on the right track.

Colonies must find land suitable for farming as well as for the production of Wood, Metals, Gold and more for the construction of buildings and the recruitment of soldiers and other units. A balanced colony site will include grasslands near rivers (for the most productive farmland), access to the ocean (for building a Dock and establishing trade with the Mother Country), forests or jungles (for Mills and Wood), and mountains (for Gold and Metal mining). Proximity to a river will further enhance the productivity of Mines and Mills. In addition, much of the land surrounding the colony's center should be flat since nothing can be built on hills or mountains.

It may be difficult to find the most ideal location. To determine whether or not a colony will do well somewhere, place the mouse cursor in a central location of some apparently suitable land. Press the Z key and see that various squares are highlighted (Figure 18). For your first

colony, make sure that one of the squares is an ocean square or a river square with access to the ocean (or you won't be able to build a Dock and conduct vital trade with your Mother Country). Try to build a Dock on an ocean square so that you can build Ships. Docks built on lakes and rivers act as trading posts and do not build Ships. Furthermore, Docks on lakes or rivers without access to the ocean cannot be used to conduct trade with your Mother Country. Make sure that some of your land is forested so that you can build good Mills. Finally, try to build by a river with neighboring grasslands. These grasslands will become your Farms. In the best of all possible worlds you will also have a small mountainous area adjacent to your colony's territory. The lands near (or flat areas on) mountains are the richest sources of Gold and Metals.

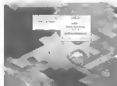


Figure 18 Upon trying to found a new colony, the flat area where you can erect new buildings will be highlighted.

If the highlighted areas seem suitable, name your colony (or accept the default name) and click on the OK button. If you change your mind about this colony, and if you have not clicked on the End Turn button yet, you can double click on the Colony Center and select Undo found to get your Settler back.

Getting Your New Colony Started

When you have founded a colony, double-click on the Colony Center. This will bring up your Colony window (Figure 19). From this screen you can do a number of things. First, you can see how much you have of the various commodities, including Gold, Metals, Wood, Goods, and Crops. You can also see how much of any (if these you are expecting to receive (via trade or internal production)) by the next turn.



Figure 19 Colony window

To build up your colony, click on the Build Building button. This brings up a list of buildings you can construct (Figure 20). If you do not have the supplies to build a particular structure, that building's button will be grayed out. By passing your cursor over any button (even the grayed out ones), you can see the materials required to build that building in the Status Bar.

To choose a building, click on its button. Your cursor will turn into the building type you have selected (Figure 21). All available land (and water for Docks) for building will be highlighted around your Colony Center. By passing the building cursor over the highlighted colony areas, you can obtain information on the building's productivity if placed in a particular location. The Status Bar will also tell you if you can't build that structure where you're trying to place it and why you can't do this. To place a building on a site, simply click with your building cursor on a suitable location.



Figure 20 This is the list of buildings from which you can develop your colony. Buildings for which you don't have enough resources are grayed out.



Figure 21 The cursor has changed into a new Farm. Highlighted areas indicate potential building sites for the Farm, and the Status Bar provides useful feedback on the quality of a future Farm site.

First, find some suitable farming land (look for the highest productivity modifier you can). Place one or two Farms on the land.

Then click on the Mill button and find the land that yields the highest productivity modifier for producing Wood. Build several Mills.

Click on the Gold Mines button and try to find a site where the productivity modifier is greater than 100%. Otherwise the Status Bar will inform you that building at that site will be useless because the productivity modifier is so low that the mine will yield no Gold. Build a Gold Mine if you can find a suitable location.

Click on the Metal Mines button and try to find a site where the productivity will be greater than 0%. If you can't find such a site, choose any location you like. Metal Mines normally yield at least one Metal per turn for a Level 1 building regardless of where they are built. Build several Metal Mines.

Build some Housing and a Church (encourages immigration) on the least useful land you have.

Finally, build a Dock on an ocean square, if possible (so you can build Ships). Otherwise, settle for building a Dock on a river with access to the ocean (so you can still trade with your Mother Country). In the worst case, you can build a Dock on an inland river or lake square. Docks built on such squares serve solely as trading posts, a necessary building for any new colony, but Docks without ocean access cannot be used for trade with your Mother Country.

Eventually you will want to build a Fort. Make sure you have a 2x2 square upon which you can build a future Fort.

Note: The buildings listed above are those you should aim to include one or more of in your colony at an early stage in its development; this list is not meant to convey a rigid plan for building up your colony. *Minimally, you will need Farms, Mills, and Housing at the very beginning.*

Before too long, you should also build Metal Mines to obtain the necessary minerals for upgrading the Colony Center and other buildings in your settlement. Beyond that, how many and what type of buildings you choose to construct will depend largely on your own strategy for playing the game.

The Colony Center and all buildings start out as Level 1 structures. These are the least productive buildings. When you have enough resources to upgrade your Colony Center, the Upgrade button on the Colony window will brighten. If you check this box, on the next game turn your colony will have increased in size (by approximately one square around the perimeter) and you will be able to upgrade any buildings currently in the colony.

Upgrade buildings by double-clicking on the building and clicking on the Upgrade box that appears (Figure 22). You can only upgrade structures if you have the necessary materials on hand and if the Colony Center is at a higher level than the building's current level. By passing your cursor over the Upgrade box, the Status Bar will tell you what is required to upgrade a building and by how much you are short in relevant resources.



Figure 22 A Farm window. You can upgrade this Farm by clicking on its Upgrade box. Notice that the Status Bar provides feedback on what is required to upgrade the Farm.

If you must rebuild a section of your colony, you can double-click on a building and then click on the Demolish button to remove the building from the colony. This allows you to restructure your colony to best suit your needs as time goes by. Note: The building won't be demolished until

the beginning of your next turn, so you can't build anything new at that site until then. On the following turn (when your building is demolished), you will get back a small portion of the materials that were used in its construction.

If you haven't ended the turn yet and you change your mind about building a structure, upgrading a building, or demolishing one, simply double click on the building and "undo" your instructions.

Finally, if you decide you're picked a rotten site for a colony and you have not yet ended your turn (after which it will be too late), simply click on the Undo Found button in your Colony window. This will return your Settler, and you can choose a new colony site.

Finding Out More About the Colony and Trade

There are several more buttons in the Colony window that provide additional useful information and options. While the following provides some essential information, see the Colonies and Trade chapter for more details.

The Population Detail button brings up the Population Detail window (Figure 23). This window shows the colony's base (current) population, the number of units in the colony, its total

population, and maximum population (based on current Housing). It also shows how much labor (Labor Demand) the current industries in the colony require and how much Free Labor there is. Free Labor is positive if not everyone in the colony is employed. It is negative when there is a labor shortage. This window shows how the various population parameters are expected to change by the next turn (in parentheses). It also indicates the number of Crops needed to feed the current population and how any Churches are contributing to the immigration rate. Note: You must have enough Crops (from internal production, current supplies, or trade) to feed your colonists or they will start emigrating.



Figure 23 The Population Detail window

The **Commodity Detail** button brings up the Commodity Detail window (Figure 24). This window provides vital information on how many resources your colony is producing and consuming per turn. Production is given as how many units of a particular commodity your colony is producing out of how many it can produce (based on its buildings). If the current production is less than the colony's capabilities, that indicates that the colony needs more labor (people) or raw materials to maximize its production. This window also shows how many Crops or other commodities your colony is consuming per turn. Finally, it shows how many resources you are obtaining through trade as well as the total net production (or consumption) of each commodity.



Figure 24 The Commodity Detail window



Figure 25 The Trade screen

The **Trade** button allows your colony to conduct trade with the Mother Country, other players, native players, and other colonies and to create Trade Alliances. You can only establish trade with other players once you have encountered them in the game (by discovering one of their colonies). The Trade button brings up the Trade list and the Crate list. The Trade screen has a scrolling list of current trades as well as the following options:

New: Clicking on this button brings up a scrolling list of options (Figure 26) from which you can choose to buy from or sell to your Mother Country, to trade with natives, to give or

demand tribute from other players, to barter with other players, or to transfer supplies between your colonies. Select “buy from” or “sell to” the Mother Country (if you are playing as a European). (This option is named “Europe” if you declare independence from your country.) Trade with your country involves buying or selling commodities. This is the primary way European players can buy the Goods needed to build a Commerce building (which will produce Goods) and to make later upgrades. Selling resources to the Mother Country is also a way to acquire the Gold you will need for upgrades, recruiting Leaders, and making Settlers. Select “Trade with Natives” to trade with native Indians (if there are any close by) for everything except Goods. Select “Transfer to Colony” to send resources to other colonies. Finally, if you have established contact with another player, you can choose to demand or give tribute to that player or attempt to barter with that player or establish a Trade Alliance (if relations are good enough).

Trades with the Mother Country or Europe require a Dock built on an ocean or on a river with access to the ocean and take several turns to complete. Trades within the New World require nine or more turns to complete, depending on the distance between colonies and known trade routes. Overland trade requires significantly more time than ocean-borne trade. Note, you may make several trades with your Mother Country every turn, but you may only make one trade per turn with natives. Trades with Natives occur immediately.



Figure 26: New Trade window. Relevant options will be grayed out if you cannot trade with your Mother Country (because of poor relations or because you lack a Dock), there are no friendly natives nearby, you have no other colonies, or you have met no other players.

Edit: Click on a trade in the scrolling list of trades. To alter that particular trade. **Note:** Trades with natives cannot be altered since they take place immediately.

Click on a trade in the scrolling list of trades. Then click on the button to retract that trade.

Crates: This button brings up the Crate list, if you've closed it.

Done: Click here to close the Trade list.

Besides the above options, you may also *commission a Leader* from your Colony window, if you have sufficient resources. See the Units chapter and Colonies and Trade chapter for more information on recruiting Leaders and their characteristics.

Finally, if you do not wish to engage in the necessary hands-on work required for building up a colony, you can click on the Auto Colony button. If you do this, the computer will make all the necessary decisions on what to build, demolish, and trade based on what it assesses your greatest needs to be. See the Building list for details on what the Auto Colony feature has done for you during the turn.

Mission 3: Upgrade Your Colony Center To Level 2

To upgrade your first Colony Center you must have 20 Wood and 5 Metals. You can obtain these by building productive Mills and Metal Mines and sufficient Housing to acquire the labor to run these industries. You may also trade whatever resources you can produce to the Mother Country or natives for Gold and then purchase the remaining resources required. In order to trade with the Mother Country your settlement must have a Dock built on an ocean square or on a river with access to the ocean.

See the above sections and the Colonies and Trade chapter for more information on upgrading and developing your colony.

You must complete this third mission by the end of the 30th game turn.

Mission 4: Eliminate The French From the New World!

In the Tutorial scenario you are playing against a French player. For your last mission, some natives have promised to locate the new French settlement for you. You must build a Fort and recruit military units for combat. Then you must prevent the French from establishing a new colony or eliminate their colony if one is already established. You must complete this mission by the end of turn 40.

To build a Fort, when you have sufficient supplies, click on the Build Building button in your Colony window. Select a Fort and place it in your colony. On subsequent turns, double-click on the Fort and click next to Infantry, Cavalry, or Artillery to build one of these units by the following turn (Figure 27). When you have built enough units, use the Leaders you already have or commission new ones (through the Colony window) and attach your military units to these Leaders (see Attaching, Detaching, and Reorganizing section of the Units chapter). For more information on military units see appropriate sections under the Units chapter.



Figure 27 The fort window. Click next to the unit type you wish to recruit.

Finally, embark Leaders and units on your Ships (either your old Ships or new ones built by double clicking on your Dock and selecting Construct Ship) and set sail for the French colony or Settler. Sailing will probably be your fastest way to get to the French since most units take forever to negotiate the intervening hills and mountainous terrain.

Disembark your units near the French, and click and drag them towards the Colony Center or towards the French Settler (Figure 28). Select the Capture or Raid button if you are attacking their colony or the Attack button if you are attempting to destroy their Settler. When your turn ends, you will be engaged in tactical combat with the enemy.



Figure 28. *Attackers a colour*

Basic Combat

While you will find more details on conducting combat in the Combat chapter, this section will provide you with a few hints for getting started.

Each side's units begin in their "reserves." The row of squares next to the reserves is called the home row. When it is your turn, click on the unit you wish to move and move it to one of the highlighted squares. When you are close enough to fire on the enemy, click on the units you wish to conduct the attack and then click on the target square occupied by enemy units. Your goal is to force your opponents to retreat, to eliminate them, or to enter the square containing their flag.

Infantry units can only move forwards, backwards, or sideways by one square per turn. On, they may initiate an attack. Cavalry units can move two squares per turn (not diagonally) or move up to one square and attack. Artillery units may move one square per turn (although they must stay in the row closest to your side) or they may fire on the enemy. Infantry units and Cavalry units can only attack opponents in squares in front, behind, or next to them. Artillery units can fire on any square in the column they occupy.

The more different types of units attacking at one time, the better their chances of success. This is a combined arms bonus to your attack. To launch a combined arms attack, click on each unit you wish to involve in the attack. When you are done selecting all such units, click on the target enemy square.

Cavalry will launch better attacks if they have moved before they attack (a charging bonus). However, they will not receive this bonus if they panicked and retreated during the preceding turn.

Attacks are more effective when they involve units in more than one square. For attacks that stem from multiple squares, this added effectiveness is called a flanking bonus. The more squares involved in an attack the greater this bonus is. Note: Flanking bonuses and combined arms bonuses are additive. So, the more squares from which an attack is launched and the more unit types involved in the attack, the stronger the attack will be.

Finally, Artillery units' fire is more effective the closer their target is to them, and attacks by Infantry and Cavalry on unaded Artillery (on other unit types in the target square) are more likely to cause damage than attacks on otherwise situated Artillery units.

Note: Each of the bonuses described above, unless otherwise indicated, increases the effectiveness of an attack by increasing the probability that the attacking unit(s) will hit their opponents. These bonuses do not increase the number of hits or shots made by the attacking units.

The number of attacks you can launch during each combat turn depends on the level of your Leader. The number of moves each unit can make per combat turn is only limited by the unit type.

When units are fired upon, they may lose strength. The number next to the unit will decrease. Their attacks will decrease in strength corresponding to how much strength the units lose. When a unit's strength hits zero, it dies. Units do not heal during combat or while traveling; they must be in a colony in order to heal (at the rate of one strength point per turn).

When units get damaged, they may panic (lose morale) and retreat one square back towards their reserves. The more damage they have taken, the more likely that they will retreat. Their morale is also affected by the Charisma of their Leader and the Reputation of the opposing Leader. The higher their Leader's Charisma, the less likely they are to panic. The higher the Reputation of the opposing Leader, the more likely they are to panic. If a unit's path of retreat is blocked, the panicked unit will suffer an additional point of damage and remain in the same location.

To ensure winning your battle, make certain that you have sent plenty of units and reinforcements towards the French settlement. Attack the settlement repeatedly until you succeed in capturing it or destroying it (by razing it).

Mission Accomplished

If you successfully complete the Tutorial scenario, you will have learned how to use the basic elements in the game. You are now ready to strike out on your own.

From the Game Menu screen you can elect to start a new solitary game. In the Scenario screen, choose Custom to create your own new game.

Choosing Custom will bring up the Custom Game Setup screen (Figure 29) where you will be able to set various parameters for your new game and the game's world.



Figure 29 Custom Game Setup screen

Note: When you choose to play a multiplayer game against other human players, the person setting up the game assigns the same parameters as are listed in the following section. See the Multiplayer Games chapter for more information on setting up such games.

The Custom Game Setup Screen

You can give your game a unique name by clicking in the Game Name box and typing in a new name for your game.

Computer Players: Select the number of computer opponents for your game by clicking on upper or lower boxes to increase or decrease this number. You may play a truly solitary game (against no opponents) or you may play against as many as five computer opponents.

Max Turns: Select the number of turns you wish the game to take. This number can be from zero (called "Unlimited"), if you wish there to be no turn limit, to 300. The player with the maximum score at the end of this turn number will win the game (unless a player has reached the Winning Score before this time). See *Winning the Game* for more information.

Winning Score: Select the winning number of victory points. When a player reaches this number (within the selected number of maximum game turns), the game will end and that player will win. This number may be anything from zero (also called "Unlimited"), which represents no preset winning score, to 200,000. See *Winning the Game* for more information on victory points.

Indian Settlements: Select a number from zero to 50. This will be the number of native Indian settlements scattered throughout the New World.

Land Seeds: Select the number of land seeds that the program uses to generate the world. The more land seeds (relative to water seeds) you select, the more land there will be in the New World and the more likely that all the land will be part of one huge continent.

Water Seeds: Select the number of water seeds that the program uses to generate the world.

The more water seeds there are (relative to land seeds), the more water there will be in the New World. It will also tend to increase the number of islands in the New World. Too much water may end up making the New World nearly uninhabitable.

Resources Are: You can select the general productivity level of the land when you build Mills, Farms, and Mines in your colonies. Resources can be set to scarce, normal, or abundant depending on the level of challenge you wish your new colonies to face.

Play Time Bonus Is: You can select the time penalties (for taking too long to complete turns) and bonuses (for ending turns expeditiously) to players. This bonus may be turned off if you don't wish to play against the clock; it may be normal or extreme. For each turn, you start off with a preset number of seconds in which to complete all your actions. If you complete them early, you will gain victory points; if you are too slow, you will lose victory points. See *Winning the Game* for more information on victory points.

Movement Is: Select Easy, Normal, or Difficult to alter the distance which units can move in the New World. The easier the movement, the further units will be able to move on each turn.

Difficulty Is: Select Very Easy, Easy, Normal, Hard, or very hard difficulty levels depending on how much of a challenge you wish to face. The first few times you play *Conquest of the New World*, you may wish to set the level to easy so that you can get accustomed to playing the game. For later games, move up the difficulty level to keep pace with your increasing skill. The difficulty level affects the availability of resources (terrain based productivity modifiers) in computer players' colonies. In addition, native Indians are more likely to be hostile towards you at higher difficulty levels. Friendly natives will trade with your colonies and will not attack war-daring units. Hostile natives will attack units that are too close to their settlements.

Designers' Note: The AI in *Conquest of the New World* does not have access to information or materials in which you don't have access (i.e., the computer player does not "cheat.") The only way the AI ever gains an advantage is if you provide it with one by setting the Difficulty Level to Normal or Above. In this event, the computer player will have more productive land on which to build than human players have.

When you have selected the features for your game and its world, click on the Player Setup button to select features and specific victory conditions for your character.

World Size: If you'd like to play in a crowded world, you can limit the number of grids in the world. Normally, it's 256 by 256 square, but you can cut it back all the way to 80 by 80 if you want.

Early Diplomacy: Here's an exciting twist. You can allow all players to do Diplomacy even before they're Independent. But be careful - you could make your Mother Country angry!

Setting Up Your Player Characteristics

The Player Setup screen (Figure 30) allows you to name your player and assign various victory conditions or special abilities.



Figure 30 The Player Setup screen

Player Name: Click in this box and type in a unique name for your character.

Play As: Select your Mother Country. Selecting one of the European countries (Britain, Holland, France, Portugal, or Spain) will start you out with a few units on a Ship that has just sighted land. From there you must disembark your units, start exploring, and eventually found colonies. It makes no difference which country you choose, except for changing the flag under which your units travel. Choosing Native, however, will alter some of the options you have later in the game. See the Diplomacy chapter for more details on these options. *Only one player can play as each of the European countries or as Natives.*

Note: Choosing to play as Natives will materially affect many elements of your game. Aside from beginning on the left edge of the New World (instead of the right, as is true for European players), your colonies and diplomatic options will differ substantially from those of European players. The costs of building and upgrading structures vary somewhat from those for European players. Native players can build larger cities and suffer no taxation, although they cannot trade with Europe. Native players pay less for Settlers, Infantry, and Cavalry, and then Explorers move farther per turn than those of European players. They cannot build Artillery. Finally, Native players can trade with native Indian tribes that are farther from their colonies, while European players' trades with local tribes require much closer juxtaposition of such tribes to colonies.

Designers' Note: Neither the native Indian tribes within the game nor the Native Indian player are based on any particular Indian tribe. The history of the Americas includes Native languages too numerous to mention. Instead, we have abstracted features of Native American Indians from all the Americas and set up this game with a) a native hunter-gatherer tribes and b) an advanced Native Indian tribe featuring elements found in various American tribes. Therefore, the Native player's civilization will include elements from many heritages, such as the long houses of certain Native Indian tribes, the cliff dwellings of the Anasazi, and the various stone structures employed by the Mayan, Aztec, and Incan civilizations. In Conquest of the New World, this Native player civilization is reaching a new peak of power and beginning to expand into new territory (as represented by a continent in the northern hemisphere).

Victory Point Bonuses: In this section you specify your victory conditions. You get 40 points to allocate as bonuses to founding and building up colonies (the Colon button), exploring and discovering landmarks (the Exploration button), winning battles (the Combat

button), and playing a strong diplomatic game (the Diplomacy button). You may also use these points to "buy" special abilities (described below). Each point represents one percentage point. For example, if you place a "5" next to exploration, the victory points you get for exploring and discovering landmarks will be given a 5% bonus. So if you earn 100 points for discovering something, you will actually get 105 points for doing this. Use the upper and lower buttons next to each category to increase and decrease the bonus you will be awarded in each area.

The victory points you earn as you play may be in the form of cumulative bonuses or "measured" bonuses. *Cumulative bonuses are added to your victory points score at the end of every game turn and cannot be taken away from your score. Measured bonuses depend on the current state of your colonies, resources, and discoveries, and, therefore, their contribution to your score can vary from turn to turn. When the game ends, the state of the game at that time determines the final contribution of any measured bonuses.*

Colonies: Adding victory point bonuses to this category will increase the victory points from your colonies. When your colonies eventually reach a high level of surplus production, you may use the Convert Surplus button in the Commodity Detail window to convert excess production into victory points. The more victory point bonuses you allocate towards this category, the more you may benefit from your colonies' surplus production during the game.

Exploration: Adding victory point bonuses to this category increases the victory points you get for being the first to explore new areas of the world (those that were previously in the dark) and for being the first to discover important landmarks. Note, you get no victory points for exploring oceans.

Combat: Adding victory point bonuses here will increase the victory points you get for successfully battling hostile natives and other players. Points are awarded for any damage done to enemy units in combat.

Diplomacy: Adding victory point bonuses to this category will increase the victory points you get for conducting diplomacy (such as making or breaking alliances).

X Percentage Points Left: This tells you how many of the 40 victory point bonuses you have left to allocate to colony, exploration, combat, diplomacy, or special abilities.

Clear All: Selecting this will remove all of the already allocated victory point bonuses so you can start over again.

Special Abilities: You may purchase special abilities that can affect your game play and your victory points. Each ability costs ten victory point bonuses from the 40 you have when you begin setting up your player characteristics.

Miser: This special ability gives you extra victory points for Gold you accumulate in your colonies. The bonus you get for this Gold is a measured bonus, ultimately, the victory points you get for having this ability will depend on how much Gold you have at the end of the game.

Colonist: This ability awards victory points for attracting colonists to the New World. The more colonists in your settlements, the more victory points earned. This is a measured bonus, so the victory points you earn at the end of the game due to this ability depend on how many colonists you have at that time.

Discoverer: This ability increases the points (in the form of a cumulative bonus) you earn from naming and claiming discovered landmarks.

Pacifist: This ability awards points for colony development and upgrades, penalizes you for initiating attacks, and decreases the cost of researching defensive military tactics. Victory points earned as a result of choosing this ability are awarded cumulatively.

Cartography: This selection increases the movement allotment of all your land-based units (i.e., they'll be able to move farther every turn). Cartography has no effect on your victory points.

Navigator: This special ability increases the movement allotment of your Ships, but has no effect on your victory points.

Conqueror: This special ability allows your Forts to support more military units than the standard for each Fort you build, allowing you to support one extra unit per Fort level. This ability has no effect on your victory points. See the Table of Buildings in the Colonies and Trade chapter for more information on how many units Forts can support.

Craftsman: This ability increases the amount you earn for selling commodities in your Mother Country, other players, and local natives. This skill has no effect on your victory points.

Admiral: Selecting this special ability improves the skill of your Ships during ship-to-ship combat, but has no effect on your victory points.

Missionary: This special ability improves your relations with native Indians over time; it has no effect on your victory points.

When you have completed selecting your player characteristics, click on the Begin Game button to start playing! If you change your mind, click on the Cancel button.

Chapter 3: The New World's Terrain Types

When a New World is generated at the beginning of each game, the basic parameters used for building it are those chosen in the Game Setup screen (see Custom Making Your Own Game). It should be stated, however, that all New Worlds in *Conquest of the New World* are in the northern hemisphere. Therefore, you will find tundra in the north and swamps and jungles in the south.

The various terrain types in the New World will influence the movement of units. They can also affect the productivity of various buildings. The following table shows the effects of terrain on movement and the productivity of buildings.

Terrain Type	Appearance	Effect on Movement	Effect on Production
LAND:			
Grasslands	light green	None	inc. Crops, dec. Wood
Desert	light brown	slower than grass	dec. Crops, dec. Wood
Forests	dark green	slower than deserts	inc. Wood, dec. Crops
Jungles	emerald green	slower than forests	inc. Wood more than forests, dec. Crops more than forests
Mountains	brown	extremely slow	inc. Metals and Gold
Snow	white	extremely slow, esp. if mountainous	inc. Gold if mountainous

WATER:			
Rivers	**	slows most units, no Ships allowed Fast for Explorers Explorers are faster going downstream	inc. adjacent Crops, Wood, Metals, and Gold
River Deltas	medium blue	impassable	inc. adjacent prod. like lakes
Lakes	medium blue**	unpassable	inc. adjacent Crops, Metals, and Gold less than rivers
Oceans	dark blue	Ships only	inc. adjacent Crops (from fishing)

* The various land-based terrain types are listed in order of how quickly units can move across them, from fastest to slowest.

** Lakes are land-locked bodies of water. Rivers are long, winding strings of dark blue water. Although Ducks may be built on rivers and lakes, such Deltas act only as trading posts and do not build Ships.

Note: Hills can occur as part of almost any terrain type. Hills slow movement and prevent the construction of buildings.

Your success in establishing your claims to the New World depends heavily on the quantity and quality of the colonies you found. This chapter provides in-depth information on colonies and trade.

Founding a Colony

In most scenarios, your first settler appears on turn 6. Move your Settler to the exact location where you want your Colony Center to be built, then click the Found Colony button to place it there (Figure 31). *You can only build a Colony Center and other buildings on flat land*, so be sure that you are founding your colony in such a place. (The Found button will be grayed out if you cannot found a Colony Center where your Settler is standing.)

After selecting Found, a highlighted area will appear around the Settler; this highlighted area is where you will be able to raise buildings. If the highlighted areas seem suitable, name your colony (or accept the default name) and click on the OK button.



Figure 31 Click on the Found Colony button to build a colony at this site.

If, upon further inspection, you decide that the site where you founded your colony is unsuitable, double-click on the Colony Center and then click on the Undo Found button. Your Settler will then reappear to be moved to a better location. You can only do this during the turn in which you found the colony. After you end this turn, the

Undo Found option will no longer be available, and you can no longer change the site of the colony.

Later in the game, to found a new colony you must build a new Settler unit. You can recruit a Settler from a Housing structure by double-clicking on some Housing in a colony (Figure 32) and then clicking on the Recruit Settlers button (if you have an adequate number of resources to build a Settler), placing a check mark next to it. On your next game turn a new Settler will appear. If you decide not to build a Settler after all, you can click on the Recruit Settlers button again to remove the check mark.

Note: Be sure that you don't neglect building several colonies to establish your country's claims to the New World in favor of exploration and conquest. A solid foundation of production provided by numerous thriving colonies will help you win the game, regardless of the victory conditions you chose.

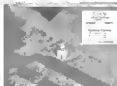


Figure 32 Click on the *Recruit Settlers* button to recruit a new Settler

Locating a balanced site for building a new colony is harder than simply founding one anywhere! In approximate order of importance, look for the following characteristics in a future colony site:

- Ocean access in colony limits, at least for the first colony (for building a Dock and conducting trade with the Mother Country)

- Large expanse of flat land (for raising lots of buildings)
- Forests (dark green) or jungle (emerald green) squares (for Wood Mills)
- Grassland near a river (for good farmland)
- Rivers (for improving productivity of nearby Farms, Mills, and Mines)
- Near mountains (for Gold and Metal Mines)
- If possible, proximity to one or more Special Discoveries

An ideal location will have all of these elements, but maximally shoot for the first three or four.

Building Up a New Colony

Buildings can only be placed on flat land (or water squares if Docks) near the Colony Center. Available squares for placing a new building will be highlighted when you click on the button to select a new building to construct. New buildings must be placed entirely within the highlighted area.

To build a new building, double click on the Colony Center. Then, click on the Build Building button, followed by clicking on the button for the building you wish to construct. This will turn your cursor into the building you chose (Figure 33). You can then click on the location within the colony where you want to place this building. The cursor will blink if you may not place the building at your chosen location.



Figure 33 You have just elected to build a Mill. Notice the highlighted squares in the colony. You can build your Mill on any of these squares. Watch the Status Bar for information that will help you determine the best place to put this new Mill.

Note: If you do not have the materials necessary for raising a particular building, that building's button will be grayed out. The Status Bar will let you know what you are lacking in the way of resources to build such structures (Figure 34).



Figure 34: Buildings for which you do not have an adequate supply of building materials are grayed out. See the Status Bar for information on what you need to build such structures.

Finally, pay close attention to the Status Bar as you try to build. This will provide important feedback on the productivity of various structures if placed at a given location. In particular, whenever you wish to place a new Farm, Mill, Mine or Commerce building in your colony, pay

attention to the Status Bar as you move the building cursor over the highlighted areas in your colony. Always try to place your buildings in areas with high productivity modifiers. The productivity modifiers you observe depend on the building you are trying to construct and the immediate and local terrain. You will see different modifiers when you try to place different buildings on the same square or when you try to place the same type of building in different squares.

Importantly, *your colonies will get productivity bonuses for specializing in your most common building*. For example, the more Mills or Farms you build, the more productive all your Mills or Farms will be. This increased productivity due to specialization will be reflected in the production modifier of your most common building type (accessed through the window you bring up by double clicking on a building in your colony).

Farms and Crops

Farms are large (2x2) buildings; they are the first structures you should build in your new colony. It takes one Crop per turn to feed 100 people, and your colony requires one additional Crop per turn. Therefore, your first colony, which begins with 150 people, requires 2 Crops per turn when it is first founded. If you have inadequate food supplies, your colonists will emigrate.

Each Level 1 Farm produces three Crops per turn (two crops per turn for Native players) plus any productivity modifiers. If the farmland is high in productivity or if it is near any one of the five Crop-related Special Discoveries, it will yield more Crops per turn. The best place to build Farms is on grassland next to a river or other body of water. Build at least one Farm to start a colony off well. Excess Crops produced by your Farms can be stored for future emergencies, traded for other resources or Gold, or used in building Settlers.

Housing, Population, and Labor

The next thing to build after Farms is Housing. Each Level 1 Housing can hold 100 people. Colony Centers hold the same number of people as a Housing structure of the same Level. Farms also provide some Housing (enough for 40 people in a Level 1 Farm). But, Colony Centers and Farms can not house enough people to provide the labor your other industries will need. You may build Housing on any area of flat land within your colony.

As your colony grows, pay attention to the information accessed by clicking on the Population Detail button in the Colony window (Figure 35). This will tell you what your cur-

rent population is, what the current maximum population of your town is (based on available Housing), and how much Free Labor there is. When Free Labor is negative, there are not enough people to fill the available jobs in the colony, meaning that the colony needs more people to maximize its production of commodities. The first industries to bear the brunt of labor shortages are Commerce and Mines. If the labor shortage is extreme, the production of Wood will also be affected and, in the worst cases, Crop production will be decreased. When Free Labor is positive, there are lots of people out of work, so you should increase the levels or numbers of new industries. By upgrading your Housing, you will not only increase its capacity for holding people, but you will also be able to build better Settler units for founding new colonies.



Figure 33 The Population Detail Window

In addition to population and labor details, the Population Detail window tells you how many Crops you need to feed the people in your colony per turn and what bonus to immigration you are getting per turn (in number of new colonists) from any Churches in the colony. In parentheses are the numbers by which the various population and labor values are expected to change when the next turn begins.

Churches and immigration

To attract more colonists, build a Church. You can build this building on any flat piece of land. Each Level 1 Church will increase the number of immigrants coming to your colony by 10 people per turn. For each level you upgrade your Churches, they will attract additional immigrants per turn. The Medicinal Herbs Special Discovery will increase the effectiveness of nearby Churches.

Docks, Trade, and Ships

To allow for trade with your Mother Country, build a Dock on an ocean square or a river square with access to the ocean. A colony *must* have such a situated Dock in order to trade with the Mother Country. Having a Dock is also the only way your colony can build new Ships, *although you can only build Ships if your Dock is located on an ocean square*. Docks built on lakes and rivers act as trading posts and do not build Ships. Higher-level Docks allow you to conduct more overseas trades per turn (one trade per level of the Dock per turn). Each Dock can support a limited number of Ships.

Mills and Wood

You will need Wood to build all of the structures in your colony. Build a Mill in a jungle (emerald green) or forest (dark green) square near a river for the best overall Wood production. Pay attention to the Status Bar as you look for good locations for your Mill. Each Level 1 Mill will normally produce one Wood per turn. However, the higher the productivity, the better. You will wish to build several Mills since excess Wood can be traded for other Goods or Gold.

Your mill will be even more productive if it is within range of a forest Special Discovery (Oak, Cherry, Teak, Redwood, Or Maple.

Metal Mines and Metals

Just as is true for Wood, your colony will need Metals for construction and trading purposes. Metal Mines are best placed on flat mountains or near mountains, and, if possible, near a river. Again, look for the best overall productivity before placing your Metal Mine. However, even a 0% productivity, Level 1 Mine will be able to produce one Metal per turn. Make sure you build a few Mines to obtain the valuable Metals your colony will need. Note: Metals become increasingly important as your colony grows and you upgrade its many buildings. Be prepared to build more Mines if necessary.

Gold Mines and Gold

Gold is useful to have, of course. You can trade your other resources for Gold or you can build a Gold Mine. Unfortunately, not all sites will bear a fruitful Gold Mine. The best sites are near mountains, particularly snow-capped ones. Again, look at the Status Bar, as long as it doesn't say building is useless there (Figure 36), you may build a Gold Mine at that location and gain some benefit from it. Of course, you should look for the best such location. Gold, Silver and Copper Special Discoveries add to your Gold Mines output. Copper, Tin and Iron add to the output of your regular Metal mines.



Figure 36. By looking at the Status Bar you can see that building a Gold Mine at this location will be useless.

Level 1 Gold Mines have a normal production (in the absence of terrain modifiers) of 20 Gold per turn. In general, Gold Mines have a productivity bonus that is 100% less than that of similarly placed Metal Mines.

Commerce and Goods

The buildings described above are the most important for getting a new settlement off to a good start. Later, however, you will wish to add other buildings to your new colony.

Commerce buildings provide Goods from resources. One Wood, Metal, and Crop are needed per level of a Commerce building so that it may produce Goods every turn (see Table of Buildings for details). These resources must be available at the end of the game turn to produce new Goods that appear at the beginning of the following turn. Goods can be traded and used for construction of higher-level buildings and units.

It is necessary to have Goods to build a Commerce building, but low level Settlers don't carry Goods. So, new colonies have no Goods. At the beginning of the game then, you must trade with your Mother Country (natives don't have Goods to trade) to obtain the Goods nec-

essary for establishing Commerce in your first colony. Note, since Native players cannot trade with Europe, they have no way to acquire Goods early in the game. However, they cannot upgrade buildings beyond Level 2, so they do not need Goods.

Taverns and Explorers

Taverns can be placed on any flat piece of land and can be used to build new Explorers. The higher level the Tavern, the higher level (faster) Explorers can be built. Taverns can support a limited number of Explorers.

Fort and Military Units

Forts are large buildings (2x2) that help defend your colony, house your military units, and provide new military units (Infantry, Cavalry, and Artillery) for building new armies. They can also be built on any available piece of flat land.

Double clicking on a Fort will provide defensive information about your colony in the event of an attack (Figure 37).



Figure 37 The Fort window provides defensive information.

See the Defending Colonies section under the Combat chapter for more information on how colonies defend themselves from attack.

The total number of military units that you can control is determined by how many Forts you have. At the beginning of the game, you may only control five military units until you build a Fort. See the Table of Buildings later in

this chapter for details on how many military units a Fort can support depending on its level.

War Colleges and Research and Development

War Colleges are 2x2 structures that may be built on any suitable large patch of land. You may only build one per colony, and War Colleges are the only buildings that you cannot upgrade.

War Colleges are a place where you can invest your excess Gold into one of seven military research areas (Figure 38). You may only require one War College in the New World. The improvements it makes to your military will affect all of your units, globally and immediately, not just the ones built in that colony. If, however, you build more than one War College, you can increase the rate at which you improve your military tactics and Leaders. The effects of multiple War Colleges are cumulative.



Figure 38. Military Research window War Colleges offer a multitude of ways in which you can improve your military units in combat

The areas of research in which you may invest are:

Improved Offensive Tactics for Infantry, Cavalry, and Artillery: Each level of improvement increases the chance for a successful attack in combat by 5% for each unit type

Improved Defensive Tactics for Infantry, Cavalry, and Artillery: Each level of improvement decreases your opponent's chance of landing a successful hit in combat by 2.5% when attacking that unit type

Leader Research: Each level of improvement in this area will give you an additional three skill points to use in creating new Leaders (see the Leaders section under the Units chapter) Leader Research has no effect on pre-existing Leaders

Example of Improving Offensive and Defensive Tactics:

When military units attack, they strike once per strength point, and each successful strike will remove one strength point from their target. An Infantry unit with a strength of three will therefore strike three times during an attack and can do up to three points of damage. Each attack has a base chance of hitting equal to 15%.

Let's say the Infantry unit is benefiting from a Level 1 Offensive Tactics and that it is attacking a unit that is benefiting from a Level 1 Defensive Tactics. The Level 1 Offensive Tactics will give the Infantry unit an extra 5% chance of hitting its target. Therefore, its base chance to hit will go from 15% to 20%. The target's Defensive Tactics will reduce this chance to hit by 2.5%, making the net chance to hit 17.5% for the attacking Infantry.

The effect of these Improved Tactics on both sides means that the attacking Infantry unit (of strength three) will try to hit its target three times during its attack. Each hit has a 17.5% chance of landing and doing damage.

To invest in research in a colony with a War College, double click on the War College to open its window, click on the Military Research button, and assign a quantity of Gold to be spent each turn on any combination of areas. This amount of Gold will be deducted from this colony's Gold reserves at the beginning of each turn. If you have insufficient Gold in your colony on some later turn, investment in research areas with expenses exceeding the colony's Gold supplies will be suspended until a sufficient quantity of Gold is again available. The word "Suspended" will appear in the Military Research window (accessed by double clicking on the War College and then clicking on the Military Research button) next to such research areas. You can also make a one time investment in the War College, if you so desire.

Note: The Current Rating in the Military Research window indicates what level your skill is in that research area. The Research Progress indicates how much Gold you have already invested in progressing to the next level of skill in a research area out of how much Gold is required to get to the next skill level.

When you have invested enough Gold to go up a level in a given research area, you will receive the benefits for doing so. Unless you indicate otherwise, your selected level of investment will continue even after you reach a new level of research in an area. You can invest in each area of research until you reach its maximum level of 9.

Inspecting, Upgrading, and Demolishing Buildings and Recruiting New Units

Double-clicking on any building in your colony brings up that building's window from which you can do several things:

Demolish: Except for the Colony Center, you can demolish all buildings by double-clicking on them and then clicking on the box next to "Demolish." Until you have ended your game turn, you can change your mind about the scheduled demolition by clicking on this box again. Demolishing buildings will not only clear space, but will also return some of the raw materials used to build that structure.

Upgrade: If you have the requisite materials, you can upgrade any structure in your colony by double-clicking on it and then clicking on the Upgrade box. Before your turn ends, you can click on this box again to change your mind. **Note:** You cannot upgrade any building to a level higher than that of the Colony Center. This structure must always be upgraded first. The maximum level to which you can upgrade any structure is Level 4. The Upgrade box will be grayed out if it is already at the same level as the Colony Center or if you have insufficient resources. Place your cursor over the Upgrade box and look at the Status Bar to determine what you still need in the way of resources to upgrade this structure (Figure 39).

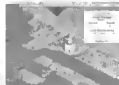


Figure 39: This building still requires some resources in order to be upgraded.

Halt Construction: If you have just placed a building in your colony, you may double-click on it and then click on the Halt Construction button to stop building it. The building will be removed, and the resources allocated to its construction will be placed back in your stockpiles. Once a turn has elapsed, however, you can only remove a building by demolishing it.

In addition to demolition and upgrades, you can learn about the colony's buildings by double-clicking on them. The following provides a list of information you can glean and what you can build by double-clicking on the buildings in your colony:

Farms: How many Crops this Farm is producing, what its production bonus is, how many Crops all the colony's Farms are producing, and how many Crops you have in reserve in this colony.

Housing: How many people it can house, how many people are in the colony; and the maximum population for the colony. You can also recruit new Settlers by clicking on the Recruit Settlers button.

Churches: How much this Church and all Churches in the colony are contributing to immigration every turn.

Docks: Build a new Ship by clicking on the Construct Ship button.

Mills: How much Wood this Mill is producing, what its production bonus is, how much Wood is produced by all the colony's Mills, and how much Wood you have in reserve.

Mines: How much Metal or Gold is being produced by this Mine, what its production bonus is, how much Metal or Gold is being produced by all the colony's Mines, and how much Metal or Gold you have in reserve.

Commerce: How many Goods this factory is producing, how many are being produced by the entire colony; and how many Goods are in your stockpiles.

Taverns: Build a new Explorer by clicking on the Recruit Explorer button. Higher level Explorers move farther per turn.

Fort: How many Infantry, Cavalry, and Artillery units are in the entire colony; build new Infantry, Cavalry, and Artillery units by clicking on the box next to their names. You can only recruit one new unit per Fort per turn. The level of the unit can be less than or equal to that of the Fort. Higher level military units are more capable of wreaking destruction on the battlefield (see appropriate sections in the Units and Combat chapters). The Fort window also contains some information on your colony's defensive capabilities.

War Colleges: A Military Research button that takes you to a window that shows seven research areas in which you can improve your military units' offensive and defensive capabilities, presents the option to allocate Gold towards any or all of the available research areas, and shows the status of the ongoing research in each area, including whether or not research has been suspended due to lack of funds.

Colony Center: Since the Colony Center is the heart of the colony, double clicking on it brings up a multitude of options not available from other windows. These are described in the next section.

A note on production modifiers: At the bottom of some building windows, you'll see a modifier with a percentage. This is the amount by which your production is increased due to terrain and (Special Discoveries), or [specialization].

The Colony Center's Options

This section details what you can learn or do from the Colony window (Figure 40) which can be reached by double-clicking on a Colony Center.



Figure 40 A Colony window

Upgrade: If you have the necessary materials you can upgrade your Colony Center to a higher level (maximum level is four, two for Native players). By upgrading your Colony Center, you will be able to upgrade other buildings in your colony. These buildings can only be at levels less than or equal to the level of your Colony Center. The higher the level of a building, the more efficient or productive it will be and the higher the level of units it can recruit if it has such a function. Higher level units are faster or more capable than those at lower levels.

When you upgrade your Colony Center, you will also increase the size of your colony by approximately one square around the perimeter. This will provide you with new land for raising new buildings.

Monitor Commodities: The Colony window shows how many of each commodity are in your colony's reserves and how many of each you are expecting to get by the next game turn, taking into account consumption, production, and trade.

Build Building: Clicking on this button brings up a list of buildings that you can construct in your colony. Buildings for which you do not have sufficient materials will have their buttons grayed out. To build something, click on its button and place the building (now your cursor) on a suitable area in your colony. The cursor will blink when you have positioned the building over an unsuitable area, it will be steady if you can place the building there. As you try to place buildings, pay attention to the Status Bar (top left) for important feedback. Once you have placed a building, the chosen site will be marked for construction. The new Level 1 building will become functional on the following game turn.

Population Detail: Clicking on this button brings up a window (Figure 41) from which you can determine important information pertaining to the colony's population. This information includes the colony's current population, its maximum population (based on available Housing), the demand for labor (from all of the industries in the colony), the Free Labor (negative if more people are needed to man industries, positive if there aren't enough jobs to go around), how many Crops are consumed by the colony's current population, and how much any Churches are contributing to the immigration rate. Note: Industries will not be optimally productive if they are short of labor. Also, if there is insufficient Housing or food, people will leave the colony or starve to death. Finally, numbers in parentheses indicate expected changes in colony population for the next turn.

Colony Contents: Clicking on this button brings up a list of units in the colony. This list functions like the Unit List.



Figure 41 Population Detail window

Commodity Detail: Clicking on this button brings up information (the Producing column) on how many Wood, Metals, Gold, Goods, and Crops your colony is currently producing per turn out of how many it could produce if all industries were fully manned (Figure 42). Note: If you do not have enough people or resources, your production will fall short of its maximum. The Using column in this window shows how much of each of your resources are being consumed per turn (either in production or to feed colonists). Net Trade indicates how much you are exporting (negative numbers) or importing (positive numbers) over the current turn. The Total column shows the net change to your reserves for this turn for each of the listed commodities. Finally, clicking on the Convert Surplus button allows you to convert a colony's surplus production into victory points. This option is useful for making the most of older, well-established colonies.



Figure 42 Commodity Detail window

Trade: Clicking on this button will take you to the Trade window from which you can choose to conduct trade with your Mother Country, other players, allies, or other colonies of yours. You may also pay no demand tribute from other players as well as check up on any shipments you have en route to or from any of your colonies. See the Trade chapter for more details. Note, you may only trade overseas if you have a Dock in the colony.

Undo Found: Clicking on this button during the same turn in which you're founding a colony will undo the settlement, return your Settler to you, and leaves you free to found a new colony at a different site with that Settler. This option is only present on the turn during which you found a colony.

Auto Colony: Clicking on this button will turn over the building, recruiting, and trading efforts of this colony to the computer for this turn only. The computer will determine what it views as your colony's most important needs and will demolish, build, upgrade, trade, and

recruit accordingly. You can undo anything the computer does manually. Pay attention to the Building List after you choose Auto Colony to see what the computer is doing with your colony. Click twice on Auto Colony to make it "permanent." It will then operate automatically every turn without the need for you to click the button each time.

Building list: The building list provides a convenient summary of all buildings in the colony, sorted by type and level. There will be an "X" to the right of any building that is being demolished on this turn, and a small triangle to the right of a building that is being upgraded.

Commission Leader: Clicking on this option will, if you have sufficient resources, recruit a new military Leader for you. Higher-level Leaders can initiate more attacks per turn during combat and can lead more military units. Each colony can support a limited number of Leaders.

Table of Buildings

The following table provides the costs of erecting buildings, their upgrade costs, their functions, and the best terrain types on or near which to place them

BUILDING (LEVEL)	TERRAIN ¹	CONSTRUCTION & UPGRADE COSTS ²	FUNCTIONS ³
Farms (1)	grass near water	4W	3 Crops / turn ⁴
(2)		4M, 10W	9 Crops / turn
(3)		10M, 4G, 20W	21 Crops / turn
(4)		20M, 10G, 32W	46 Crops / turn
Housing (1)		2W	holds 100 people recruit 11 Settler
(2)		2M, 5W	holds 300 people recruit 12 Settler
(3)		10S, 5M, 2G, 10W	holds 600 people recruit 13 Settler
(4)		40S, 10M, 3G, 15W	holds 1000 people recruit 14 Settler
Churches (1)		5W	+10 people / turn
(2)		20S, 5M, 12W	+20 people / turn
(3)		50S, 12M, 5G, 25W	+30 people / turn
(4)		100S, 25M, 12G, 40W	+40 people / turn
Colony Center (1)	flat land	1 Settler	recruit 11 Leader ⁵
(2)		5M, 20W	recruit 12 Leader build 12 buildings
(3)		100S, 10M, 5G, 40W	recruit 13 Leader build 13 buildings
(4)		250S, 20M, 10G, 80W	recruit 14 Leader build 14 buildings
Docks (1)	water	2W	build L1 Ship
(2)		2M, 5W	build L2 Ship
(3)		5M, 2G, 10W	build L3 Ship
(4)		25S, 10M, 5G, 16W	build 14 Ship

BUILDING (LEVEL)	TERRAIN ¹	CONSTRUCTION & UPGRADE COSTS	FUNCTIONS ²
Mills (1)	jungles or forest	3W	1 Wood / turn near river
(2)		3M, 7W	3 Wood / turn
(3)		10S, 7M, 3G, 15W	7 Wood / turn
(4)		50S, 15M, 7G, 25W	12 Wood / turn
Metal Mines (1)	near mountains	4W	1 Metal / turn
(2)		4M, 10W	3 Metals / turn
(3)		10S, 10M, 4G, 20W	7 Metals / turn
(4)		50S, 20M, 10G, 32W	12 Metals / turn
Gold Mines (1)	near mountains	8W	20 Gold / turn
(2)		8M, 20W	60 Gold / turn
(3)		20S, 20M, 8G, 40W	140 Gold / turn
(4)		100S, 40M, 20G, 64W	240 Gold / turn
Commerce (1)		3M, 2G, 3W	1 Goods / turn ³
(2)		7M, 5G, 7W	3 Goods / turn
(3)		20S, 15M, 10G, 15W	7 Goods / turn
(4)		60S, 25M, 16G, 25W	12 Goods / turn
Taverns (1)		2W	recruit 1.1 Explorers
(2)		2M, 8W	recruit 1.1 2 Explorers
(3)		10S, 5M, 2G, 10W	recruit 1.1 3 Explorers
(4)		40S, 10M, 5G, 15W	recruit 1.1 4 Explorers
Fort (1)		1M, 10W	recruit 1.1 military supports 4 mil units
(2)		5M, 25W	recruit 1.1 2 military supports 7 mil units
(3)		20S, 14M, 5G, 50W	recruit 1.1 3 military supports 9 mil units
(4)		90S, 30M, 15G, 75W	recruit 1.1 4 military supports 10 mil units
War Colleges		20S, 15M, 5G, 50W	improve military ⁴

1 Terrain types are listed if they enhance the productivity of a building type or are necessary to raise the indicated building type. If no terrain type is listed, terrain has no effect on the structure.

2 Abbreviations used in these columns:

W = Wood

M = Metal

S = Gold

G = Goods

3 Terrain-based productivity modifiers can increase or decrease the level of production of Farms, Mills, or Mines from the normal value shown. Labor shortages will decrease the actual production of Farms, Mills, and Mines, while specialization in any of these areas will boost their productivity. The abbreviation L stands for level. Special Discoveries can increase the modifiers for certain buildings.

4 Farms also house 40 people per level. Colony Centers provide as much living space as equivalent level Housing structures.

5 Each Commerce building consumes 1 Metal, 1 Wood, and 1 Crop per level in order to produce the amount of Goods indicated in the table.

6 To improve in each military area requires increasingly larger quantities of Gold. Players with the Pacifica ability get a 50% discount to their Defensive Tactics research costs.

Trade

By clicking on the Trade button in the Colony window, you will bring up the Trade screen (Figure 43). This screen shows you all the trades your colony is currently conducting (on a scrolling list) and allows you to make new trades and alter or delete old ones. It also indicates your colony's trade capacity (how many trades per game turn, including persistent trades, your colony can make) and how much of that capacity your colony is currently using.



Figure 43 The Trade screen

Your colony's trade capacity depends on the level of the Colony Center and the number and levels of the Docks within the colony. The size of any particular trade (i.e., the number of a commodity traded for or away) is also limited by the level of the Colony Center and the number and levels of Docks in the colony.

Clicking on the Trade Screen will also bring up your Crate List, which tells you what commodities are arriving and when.

New Trades

By clicking on the New button in the Trade screen you will call up a New Trade window (Figure 44). From here you can choose to trade with your Mother Country (if you are a European player)

or Europe (if you are independent), Natives, your other colonies (Internal trades), or other players. You may also attempt to give tribute to or demand tribute from other players, and form a Trade Alliance.



Figure 44 The New Trade window

Trading options that are not available will be grayed out. Native players cannot trade with Europe. A European player may not trade with his Mother Country if he is on poor terms with her. Colonies may not trade with natives if there are no friendly natives nearby. There can be no internal trade if you only have one colony. Finally, you cannot trade with other players (or demand or give tribute)

if you have not discovered any of their colonies.



Figure 45 The Trade Alliance window

Trade Alliances

A new option in the Trade Menu is to select Trade Alliance. By selecting this option, you are proposing a long-term trade alliance with another player's colony. In order for the alliance to go into effect, the other player must agree to it. Furthermore, either player may cancel the trade alliance at any time.

The option to form a trade alliance will only be there if your diplomatic status with the other player is better than that of *Understanding*.

Once agreed to, a Trade Alliance begins with the exchange of 1 unit of the commodities being traded. The amount being traded increases by 10% per game turn (rounding up) until the maximum level is reached. The maximum amount that can be traded is determined by the size and trading capacity of each of the colonies involved in the alliance.

Mother Country or Europe

You may elect to buy commodities from or sell them to your Mother Country or Europe in the New Trade window (Figure 44). Although the following discussion refers only to the Mother Country, unless otherwise indicated, the information also applies to trades with Europe.

Trade with the Mother Country is less efficient than trading with natives since she offers less Gold for resources and the cost of purchasing resources from her is high. In addition, trades with the Mother Country always take longer than trade with local natives (with whom trade is instantaneous).



Figure 46: Mother Country Trade window

For trade with the Mother Country you must have a Dock built on an ocean square or on a river with access to the ocean. Select whether you wish to buy or sell materials and then choose the material. Use the upper and lower buttons to adjust the number of items you wish to trade. The cost to you for purchasing or the price you will get for any given item is indicated. When you are satisfied, click on the Accept button, or click on Cancel if you decide not to make a trade at this time.

You can only buy items with Gold or sell them for Gold. The Mother Country makes no other types of trades. Also, you may not buy more items from the Mother Country than she is willing to sell.

The number of trades you can conduct overseas will depend on the number and levels of Docks that you have as well as the level of your Colony Center.

The time for obtaining the items you purchase or the Gold from selling items will be two or more turns, depending on the distance of your colony from the Mother Country (situated far to the east, off the map). These times are reduced by one turn if you're playing as Holland.

Finally, you can only obtain Goods (at the beginning of the game) by purchasing them from your Mother Country.

You can modify or retract a trade by selecting that trade in the Trade screen, then either redrawing it and clicking the Accept button, or by clicking the Remove button to retract it. (Figure 47) New trades (unless they're persistent) can only be deleted before you end your turn.



Figure 47: Edit Trade window

When you elect to make a trade and you know that the materials you are trading away (be they Gold, Goods, Wood, or others) are being produced in surplus by your colony, you may choose to make that particular trade persistent by clicking on the Persistent box. Then, as long as you have enough of the materials you wish to trade, the trade you've chosen will occur every turn until you change your mind. Persistent trades are good ways to insure a steady influx into your colony of necessary items (traded for items produced in surplus).

If, after you have established a persistent trade, your colony runs out of the resources to conduct this trade, the persistent trade will be suspended.

If you wish to remove a persistent trade, select that trade in the Trade screen and then click on the Delete button.

Native

To trade items with natives, select "Trade with Natives" in the New Trade window (Figure 44) to call up the Natives Trade window (Figure 48).



Figure 48. Natives Trade window

Select the item you wish to trade to the natives and then the item you wish to gain from them. *The only items the natives cannot trade to you are Goods.* Then select the number of items you wish to trade. Note, each friendly nearby Indian tribe can trade a maximum of three of any resource per turn. You may not trade for more than the indicated maximum number (which depends on the number of nearby friendly natives) of any resource.

When you are satisfied with the trade, click on the Accept button (or click on Cancel if you change your mind). Once you have accepted a trade with natives, it is immediately enacted. The resources you have traded for will appear in your colony immediately.

Your colony can only make one trade per turn with friendly natives. Finally, natives will give you much better exchange rates for your resources than the Mother Country will. The High Native players can trade more units than Europeans.

Internal Trade

To send items to other colonies of yours, click on "Transfer to Colony" in the New Trade window (Figure 44) to bring up the Internal Trade window (Figure 49). Then select the colony with which you wish to trade.



Figure 49. Internal Trade window

Select the item type and amount you wish to send to that colony. Click on the Accept button if you are satisfied or click on Cancel to cancel your trade. If later during the turn you change your mind about this trade, return to the Trade screen and click on the trade you wish to remove. Then click on the Delete button to prevent the trade.

Note: You can make persistent internal trades or cancel them in the same manner noted above for trades with the Mother Country. You may also edit such trades (see the Edit Trades section later in this chapter).

Tribute and Player Trade

To trade with other players, you must first encounter them by discovering one of their colonies. Second, you must be on reasonably good terms with them (Belligerent or better – see the Diplomacy chapter).

By selecting "Give Tribute to Player," "Demand Tribute from Player," or "Barter with Player" from the New Trade window (Figure 44), you will bring up a window (Figure 50) where you can conduct the selected action. From this window you can select an opponent with whom to trade. Note, you will automatically be trading with your opponent's capital city (generally the first city he or she founded in the New World).



Figure 50. Trade or Demand or Give Tribute with another player

Propose a trade (or demand or give a tribute) with this player. Select the resources you wish to send and get in return and their quantities. The window will tell you how long you can expect before shipments arrive at their destination(s).

You can also propose a persistent trade by clicking on the Persistent box.

If you are satisfied with the trade or tribute you are proposing, click on the Accept button. Click on Cancel if you change your mind. If, before the end of your turn, you decide against making this trade, select the trade in the Trade screen and click on Delete. You may also edit the proposed trade or tribute by selecting the trade in the Trade screen and clicking on the Edit button (see the Edit Trades section later in this chapter).

After all players have ended their turns, the player with whom you are trying to trade may either accept or reject your trade or tribute offer. The Messages window at the beginning of the second following turn will inform you of that player's decision. If your offer is rejected, any commodities you sent (if applicable) will be returned to you at the beginning of the next turn. If the offer is accepted, the commodities for which you traded (or which you demanded) will be shipped to you for arrival in a few turns. Check the Trade screen to determine how long it will take for the shipment to arrive.

Edit Trades

For any trade, except for persistent Tribute or Barter, you can alter the terms of that trade if it is persistent or if the trade has not yet transpired (i.e., if you have not ended the turn during which you set up the terms of the trade). Open the Trade screen (Figure 44) by clicking on the Trade button in the Colony window. Click on the trade that you wish to alter using the scrolling list of trades. You will then return to the window in which you originally set up this trade. Alter the trade appropriately and click on Accept when you are done. If you change your mind, click on the Cancel button. If you edit a Trade Alliance, the total amount received per turn will be reset to the smallest possible amount. Think twice before you do this.

Delete Trades

For any trade, you can retract the trade if it is persistent or if the trade has not yet started taking place (i.e., if you have not yet ended the turn during which you set up the trade). Open the Trade screen by clicking on the Trade button in the Colony window. Click the trade you wish to alter by using the scrolling list of trades. Click on Remove to remove the trade you no longer want.

All of your units will bear the flag of your Mother Country, making it easy to distinguish your units from those of your opponents. The following sections describe the various ways of manipulating units that are common to most or all of the units in the game. Later sections discuss the unique features of each unit type. See the Unit List and Manipulating Units section in the Tutorial Scenario chapter for some detailed information on this Main Menu function.

Taking a Closer Look At Units

You can examine your units by double clicking on them. This brings up a small Unit window replete with options for movement or other actions depending on the unit type.

Movement

Units can be moved by clicking on them (to select them) and then dragging them where you wish them to go. They will travel as best they can and will only stop upon running out of their movement allotment for the turn or because they reach a terrain type that they cannot cross. Note, Ships may only travel on ocean squares (not up rivers or on lakes), and land units cannot travel on oceans or lakes, although they may cross rivers.

You can quickly go through all moveable units by clicking on the Next button at the top of the Game screen. This will take you to the next unit with a remaining movement allotment. When the unit is done moving, click on Next again to go to the next unit. When all unattached units are done moving, the Next button is grayed out.

You may cycle selectively through certain unit types or your colonies by using the F1 through F4 keys on your keyboard.

F1: Next Colony

F2: Next Leader

F3: Next Ship

F4: Next Explorer

For unit types with Explore buttons, clicking on this button (or pressing the X key on your keyboard) will cause the selected unit to explore on its own. You can stop its progress at any time by clicking on the Halt button that appears to replace the Explore button or by clicking on the unit in the Game screen.

Note: Military units and Settlers have no Explore buttons. This is because these units move very slowly compared to Explorers and also because these units have other primary functions. Military units are meant to be used in offensive and defensive wars and come into their own on the battlefield. Settlers carry all that is required to found a new colony and serve their purpose best when transported to a future colony site, allowing them to get on with their raison d'être.

Holding down the SHIFT key as a unit moves will speed up its movement, it will also speed up the movements of all other units on the map.

You can change a unit's destination by clicking on that unit and dragging it to a new target location. You can also change a unit's destination while it is moving by clicking on the map (at a new target location) while holding down the CTRL key.

All units have a Moves Remaining box (Figure 51). This box is filled in with red at the beginning of a turn. As you move a unit, the red bar will get shorter and will finally disappear when the unit's movement allotment for this turn is expended.



Figure 51 The Moves Remaining box indicates how much of the unit's movement allotment is left for this turn.

Units will always try to find the best way to get to their destination. Over explored terrain, units will try to avoid movement slowing obstacles. When heading toward unexplored terrain, units will generally use a straight path approach.

For units with Explore buttons, clicking on the Persistent box in the unit's window to place a check mark there will cause the unit to explore automatically at the beginning of each game turn. For all units, clicking on the Persistent box will allow such units to move towards a chosen destination (that is too far to reach in one turn) over the course of several game turns. If you change your mind and decide to control the unit personally, simply double click on the unit and click on the Persistent box again to remove the check mark.

Finding a Unit on the Game Screen

To find a particular unit, click on the Menu button and then click on the Unit List button. Select the unit you wish to find and then click on the Find button to center the Game screen on that unit.

Attaching, Detaching, and Reorganizing

Units may be unattached or attached to Leaders, colonies, or Ships. Units that are attached to something do not move independently; they must first be unattached.

To attach units to a Leader, colony, or Ship, move them to it. That is, click on the unit and drag it to the Leader, Colony Center, or Ship. If the unit can get to this destination on this turn, it will get there and attach itself to its target. Otherwise, you will have to try to attach the unit on a future turn. **Note:** Units cannot board Ships that are not next to the shore, and units cannot attach themselves to Leaders or Ships that are already at maximum capacity. Leaders can only contain military units and Sentinels.

On all unit lists (reached by double clicking on Leaders and selecting Units Attached,

double-clicking on Ships and selecting Cargo, by selecting the Unit List button on from the Main Menu window, or by selecting the Colony Contents button) attached units appear indented and underneath the unit to which they are attached

Units that are attached do not move on their own If they are in a colony, on a Ship, or with a Leader, they will not appear when you click on the Next button to find the next unit with an available movement allotment. If they are attached to a Leader or Ship, they move with that unit. (They will disembark a Ship if they are attached to a Leader who disembarks.) Until you detach them from where they are, they will not move independently.

Units can be detached from Leaders, Colonies, or Ships in several ways:

Leaders: Detach units by double clicking on the Leader and then clicking on the Units Attached button (Figure 52). Select the units you wish to detach and click on the Detach button. Holding down the SHIFT key while selecting units to detach and then clicking on the Detach button or dragging the units to the Game screen will detach all selected units. To detach all the units traveling with the Leader, double click on the Leader and then click on the Detach All button.



Figure 52. Selecting the Units Attached button on the Leader window will bring up a list of all the units under the Leader's command.

You may also detach units from Leaders by using the Unit List screen. Click on the Menu button at the top of the screen and select Unit List. Find the units you wish to detach from the Leader. You can selectively search for military units or other units by clicking on the box next to the unit types you are interested in seeing (placing a check

mark in that box). Or, deselect the units you are not interested in by clicking on the box to remove the check mark.

Click on the unit(s) you wish to detach from the Leader (holding down the SHIFT key if you wish to detach more than one) and then either click on the Detach button or drag the selected units onto the map.

Ships: Detaching units from Ships is called "disembarking" and works in the same way as detaching units from Leaders except that Ships must be next to the shore for you to successfully disembark units. Double click on the Ship to bring up the Ship window. Select Disembark. All if you wish all the units to detach from the Ship.

Select Cargo to get a list of all units on the Ship. Then, select the unit(s) you wish to detach or disembark (holding down the SHIFT key during this selection if you wish to detach more than one unit) and then either drag the units to the map or click on the Disembark button.

You may also disembark units from Ships from the Unit List in the same way as you would detach units from Leaders. The only caveat is that the Ship must be next to the shore.

Colonies: You can detach units from colonies by using the Colony Contents button in the Colony Center window and detaching them as you would detach units from Leaders.

Reorganizing units is only possible when all the units you are trying to reorganize are in the same location. For example, you can reorganize units on Ships, under Leaders, or in colonies which are close to one another.

To reorganize units, select the unit you wish to attach to another unit or detach from its current unit. (You can select multiple units by holding the SHIFT key down while clicking on the units you wish to move.) Click on this unit and drag it to the unit or colony on the list to which you wish to reattach it. You can do this from any of the unit lists that you can access,



either by double clicking on Ships or Leaders and then selecting Units Attached or Cargo buttons or by going to the Unit List from the Main Menu.

Figure 53.54.54 An example for reorganizing units in a unit list



For example, let's say you have one Leader aboard a Ship with an attached Cavalry unit, and the Ship also has an Infantry unit that is unattached to the Leader. Double click on the Ship to get the Ship window, and then click on Cargo. Or, click on Menu from the Game screen and then click on Unit List. You can attach the lone Infantry unit to the Leader by clicking on the Infantry unit and dragging it to the Leader. Let go of the highlighted box when it is over the Leader's name to attach it to that Leader. You can detach the Cavalry unit (and reattach it to the Ship), by clicking on the Cavalry unit and dragging its highlighted box to the Ship's name. Releasing the mouse button will detach the Cavalry unit from the Leader and attach it to the Ship.

Recruiting New Units

Various buildings within your colony can be used to recruit new units. When you choose this function (assuming you have enough materials on hand to recruit the desired unit) the new unit will not appear until the following game turn. Employees will appear next to the Tavern that recruited them, Settlers appear next to the Housing that produced them; Leaders appear

next to the Colony Center where they were commissioned; and Ships appear next to the Dock that built them. Military units, however, remain housed in the Fort where they were recruited until you detach them from this structure (see previous section).

Recruited military units (Infantry, Artillery, and Cavalry) will always be at a level less than or equal to that of the Fort where they are recruited. When you choose to recruit a new military unit, then, you may specify the level of the recruit (although the maximum level you can select will be the level of the building where you are recruiting the unit).

Buildings can support only a limited number of units. You may not recruit more of any type of unit than you can support based on the number and levels of the buildings where such units are produced. For example, you cannot recruit more Explorers than all your Taverns (taking into account their levels) indicate they can support.

Note: Make sure that you build a few military units as soon as you can. You will need them to defend your colonies and to eliminate your enemies.

Specific Unit Types

The following sections describe features unique to each unit type. For information on moving units, the Unit List, recruiting units, detaching units from colonies, Leaders, or Ships, and other general unit information, refer to the preceding sections.

Explorers and Making Discoveries

Explorers move farther per turn than any other units and are especially good at traversing mountains and traveling along rivers. New Explorers can be recruited through Taverns. The level of the new Explorer will be equal to that of the Tavern where he is recruited. The higher the level, the farther the Explorer can move per turn. Explorers from Spain, Portugal, and the High Native can move farther than those of other countries.

When Explorers or other units discover important new landmarks in the New World, a window will pop up in which you can type a unique name for that landmark (Figure 56). Click in the box that appears, type in a name, and hit the ENTER key. You'll see a similar box for Special Discoveries, except that you can't provide a name.



Figure 56 A Discovery Window

If the unit discovering the new landmark has wandered off the visible Game screen, you can click on the Find button in the Discovery window to center the screen on the discovery.

Upon making a discovery, your claim will be submitted to Europe. If you are the first explorer to find and name the discovery, your claim (and name) will be accepted. Otherwise, it will be rejected. **Note:** If two players make

the same claim on the same turn, the claim will be awarded to the player whose discovering unit (usually an Explorer) used the lowest percentage of its movement allotment on the current game turn before making the discovery.

Military Units

Military units are the means by which your new colonies can defend themselves from hostile natives and other players. They can also be used to initiate attacks against enemies. New military units (Infantry, Cavalry, or Artillery) are recruited through a Fort. The new units may be recruited at any level less than or equal to the level of the Fort that has recruited them. Higher level units are stronger than lower-level units.

Military units should be attached to Leaders to form armies. New Leaders can be commissioned through the Colony window. The new Leader will be at a level equal to that of the Colony Center of the colony that recruits him. Higher-level Leaders can control more military units under their command and increase your combat advantage and your number of attacks per turn on the battlefield.

Military units, including Leaders, can travel fairly rapidly over open terrain (grasslands and deserts), but they slow down a lot when crossing other terrain types, especially mountains and rivers.

All military units heal one point of damage per game turn when they are within a colony. (They must be inside the Colony Center for this healing to occur.)

The skills of military units can be increased by building a War College and investing in research. See the War Colleges and Research and Development section in the Colonies and Trade chapter for more details. Some types of units from certain countries may have greater skills than those from other countries.

Leaders

Leaders are the heads of your armies. When you commission a new Leader, you can determine some of his characteristics (Figure 57). If you wish, you can give your new Leader a unique name by typing it into the text box provided. Then, you may allocate a certain number of points, depending on the level of the Leader and the extent to which you have invested in Leader Research in your War Colleges (see War Colleges and Research and Development in the Colonies and Trade chapter), into any or all of the following areas:

- leadership (increases the number of units the Leader can command)
- number of attacks per combat turn
- movement (how far the Leader can travel per game turn)
- Charisma (increases the morale/resistance to punishing of units under the Leader's command)

Charisma can range from 0 to 10, while Reputation can range in value from -5 to 10. Other Leader attributes have no maximum limit.

Note: When your Leader gains experience (after successful battles), you will have additional points to allocate to the above areas. At the beginning of the turn following a successful battle, you will receive a message in the Messages window. Click on Assign Experience and select where to allocate the points your Leader earned. You may choose to allocate these points at any time after earning them (i.e., you can “save up” to increase expensive skills, such as increasing the number of attacks per combat turn your Leader can command).



Figure 57: Reorganizing a new Leader

Each Leader can control a certain number of other military units. The higher your Leader's level, the more units it can control and the more attacks it can order during each round of combat.

Double clicking on a Leader (Figure 58) will show you some of his important characteristics including how many units he is leading out of how many he can lead. For example, a 3/7 indicates this Leader can lead 7 units into combat, although he is currently only leading 3 units. The Leader window also shows the number of attacks he can order per combat round, his move bonus, Charisma, and Reputation. See the above paragraphs for information on each of these characteristics.



Figure 58: The Leader window

For information on attaching to or reorganizing military units under your Leader see the Attaching, Detaching, and Reorganizing section in this chapter.

Infantry

Infantry units are your foot soldiers. They are armed with muskets, arquebuses, or pistols and, because of their relatively low cost, tend to be the most common units used in combat. Higher level Infantry units can sustain more damage and inflict more damage during combat than lower level units.

Each colony's citizens can form a militia of Infantry units with which to defend themselves from attack. This militia is formed from the colony's people. For more information, see the Defending Colonies section in the Combat chapter.

Infantry can move one square per turn during combat or they can attack once per combat round (if their Leader has any remaining attacks). They may only move and attack forwards, backwards, or to the side. See the Combat chapter for more details.

Cavalry

Cavalry units are mounted on horseback. They can move two squares per turn during combat or they may move up to one square and initiate an attack. Their attacks are more effective if

they move immediately before attacking (this is a charging bonus), as long as they have not panicked and retreated from enemy units on the preceding turn. They are twice as effective if their attacks are combined with Infantry attacks. Higher-level Cavalry units can sustain more damage and inflict more hits during combat than lower-level Cavalry units.

See the Combat chapter for more details on the role of Cavalry units in combat.

Artillery

Artillery units are long-range attack units. They can launch attacks from across the battlefield, but they must remain on their Owner's first rank. They may only attack units in a direct line in front of them (regardless of intervening units). Their effectiveness in combat is enhanced when they attack in combination with other units and when they fire at close range. Higher-level Artillery units can sustain more damage and inflict more hits in combat than lower-level Artillery. The High Native player cannot have Artillery.

See the Combat chapter for more details on the role of Artillery units in combat.

Settlers

Settlers look like pilgrim women and are the means by which you can found new colonies in the New World. They carry all that is needed to found a new settlement and are, therefore, the slowest moving pieces in the game. Because of their slow movement, they should be carried by Ships whenever possible and placed near future colony sites.

In most scenarios, the Settler arrives on turn 6. But you can create your own scenario template files with other arrival times, or even multiple settlers, if you wish. To found a colony, move your Settler to the place where you wish a new Colony Center to be built. See the Found a Colony section in the Colonies and Trade chapter for tips on finding good colony sites.

The Settler must be on flat land to found a new colony. The Found button will be grayed out until you have placed your Settler on such a site. Click on the Found button to found a new colony. Name the colony by clicking in the Name box and typing in a new name. Alternatively, you can keep the default name provided by the game. You can change your mind about founding a colony (only on the same turn) by double-clicking on the Colony Center and then selecting Undo Found. This will return your Settler and you can select a better location.

Note: Each Settler can found only one colony. For more colonies, you must recruit new Settlers. You can recruit new Settlers by double-clicking on Housing, and then clicking on the Recruit Settlers button. A Settler will appear next to the housing, where it was recruited, at the beginning of the next game turn. Higher-level Settlers carry more resources and people with them, allowing new colonies founded by such Settlers to get off to a quick start.

Ships

You will begin your game with a Ship. Ships carry units across oceans. (Double-click on the Ship and then click on the Cargo button to see the units carried by your Ship.) Ships move quickly over the ocean. The higher level your Ship the farther it can travel per turn, the stronger

it is in combat, and the more cargo (passengers) it can carry. Depending on the scenario you have chosen, you may receive a number of additional ships during the game.

Ships are built at Docks. Double click on the Dock where you wish to build a new Ship and then click on the Construct Ship button. On the following turn, your new Ship will appear. **Note:** Only Docks that are built on an ocean square can construct Ships. Docks on river and lake squares only act as trading posts, not shipyards.

See Attaching, Detaching and Reorganizing in the Units chapter for details on embarking and disembarking units from your Ship. **Note:** Ships must be next to land in order to disembark units and for land based units to board them.

Ships can engage in combat with one another as well. See the Combat chapter for details on ship to ship combat.

Table of Unit Information

The following table provides information on recruitment costs and abilities of each of the unit types in Conquest of the New World.

Unit Type (Level)	Cost ¹	Functions and Abilities
Explorers		fast moving, good at avoiding hostile squares
(1)	205, 1P	
(2)	505, 1P	
(3)	1005, 1P	
(4)	2005, 1P	
Leaders		command military units in combat determine number of attacks per combat turn
(1)	1005, 1P	
(2)	2005, 1P	
(3)	3505, 1P	
(4)	5005, 1P	
Infantry		move 1 square or attack once per combat turn
(1)	55, 1M, 10P	
(2)	105, 2M, 15P	
(3)	155, 5M, 1G, 20P	
(4)	205, 10M, 2G, 25P	

UNIT TYPE (LAYER)	COST ¹	FUNCTIONS AND ABILITIES
Cavalry		move 2 squares, or move 1 square and attack once per combat turn
(1)	10S, 1M, 10P	
(2)	20S, 5M, 15P	
(3)	30S, 10M, 2G, 20P	
(4)	40S, 16M, 5G, 25P	
Artillery		move 1 square or fire on any square in same column once per combat turn
(1)	10S, 5M, 5P	
(2)	20S, 10M, 10P	
(3)	30S, 20M, 2G, 15P	
(4)	40S, 32M, 5G, 20P	
Settlers		carry all that is necessary for starting a colony
(1)	50S, 15W, 15C, 150P	
(2)	100S, 30W, 30C, 300P	
(3)	150S, 10M, 45W, 45C, 450P	
(4)	200S, 20M, 60W, 10G, 60C, 600P	
Ships		travel on oceans and carry goods overseas
(1)	50S, 4M, 10W, 80P	
(2)	100S, 8M, 20W, 120P	
(3)	150S, 20M, 3G, 50W, 160P	
(4)	200S, 40M, 20G, 100W, 200P	

¹-Abbreviations used are

W = Wood

G = Goods

M = Metal

C = Crops

S = Gold

P = People

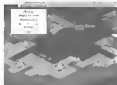
There are two basic types of combat in *Conquest of the New World*. Military units can attack other units, natives, or colonies. Also, Ships can engage in combat with one another (see Diplomacy chapter). The following sections describe how combat is initiated, conducted, and resolved.

Attacking Units or Settlements

Only military units (Infantry, Cavalry, Artillery, and Leaders) may initiate attacks on land. Click on the unit and drag it to the unit, tribe, or colony you wish to attack. If you are close enough to reach your target on this turn, you will be given the options of **destroying**, **raiding**, or **capturing** your target, depending on the target. Click on the corresponding buttons to attempt these actions.

If you are attacking a unit, your only option is to destroy the target. If you are attacking a colony (Figure 59), you may attempt to capture or raid your target. Colonies that are captured will sustain some damage. **Note:** Native players may not capture European players' colonies, and European players may not capture Native players' colonies. If you attempt to capture a colony, you will only capture it if you win the battle.

Raiding a colony does not require a victory on the battlefield to be considered a success. Instead, a raid's objective is to prolong the battle; the longer the battle, the more damage is done during a raid. During every battle round after the fourth, one building level will be destroyed. In addition, one half the value of that building, (or its most recent upgrade cost) if it is a first level structure, will be acquired by the attacker as spoils of battle. Each combat round, starting on the third round of battle, the attacker also receives 10% of the resources in the colony's stockpiles. **Note:** the 10% applies to the resources *remaining* in the stockpiles after the last combat round. On each subsequent combat round, the amount of new resources gained by the attacker will be less than on the previous round. If the raid continues until the defender's forces are eliminated or retreat, the colony is destroyed. Retreated defending forces will appear near the former colony's site at the beginning of the next game turn. Forts are harder to destroy than other buildings.

Figure 59 *Attacking a colony*

Squabbles With Hostile Natives

During exploration, your units will occasionally come too close to hostile native settlements. (You can deliberately provoke an encounter by moving your units close to hostile native colonies or by specifically targeting a native tribe.) When this occurs, a window will appear giving you the option to attack or avoid an unfriendly encounter (Figure 60).

Figure 60 *Running into hostile natives*

Note: Explorers, Settlers, and lone Leaders cannot fight! If they get too close to hostile natives and cannot avoid the resulting attack, they will simply be eliminated. Click on the Avoid button to escape attack. If you keep trying to move near such hostile natives, eventually the Avoid button will be grayed out and you will be forced to attack, even if that means the attacking unit will be automatically eliminated.

If the unit is a Leader with attached units, you may choose to attack hostile natives instead of running away. In this event, click on the Attack button. **Note:** If a unit outside of your field of vision encounters hostile natives, center the Game screen on your unit by clicking on the Find button that appears in the pop-up window.

To cancel an attack: Before you end the turn, double click on the attacking unit and click on the Cancel Attack button.

When you engage in combat with hostile natives, the native's tribe strength will determine the number and quality of units they bring to the battlefield. Also the larger and stronger the tribe, the more likely they are to intercept your units at a distance far from their home.

Defending Colonies

When you attack a colony or when your colonies are attacked, it's helpful to know how such a settlement can defend itself. First, to get an idea of how well defended a colony is, double click on a Fort in that colony (Figure 61). (You must have a Fort to get this information.)



Figure 61 Determining the defensive ability of a colony

The number of militia units (which are always Level 2 Infantry or Artillery) for a defending colony depends on the level of the colony. If militia units fall in battle, the population of your colony will decrease.

For each Fort within a colony, additional Artillery units will appear to defend the colony in case of attack. Also, any military units within the colony will assist in the

colony's defense. If the colony contains more than one Leader, the best of these is chosen to defend the colony. This Leader will be equipped with the best units within the colony (regardless of whether they're attached to another Leader or to the colony). Finally, friendly tribes near the Colony Center may contribute to the colony's defense as well.

Combat on the Battlefield

All combat is resolved after all players have finished their turns and before the next game turn begins. Combat takes place on a 3x4 grid (Figure 62). Your goal is to capture your opponent's flag by moving a unit into the square that contains this flag. You may also win by eliminating all enemy units on the battlefield or forcing your opponent to retreat. On the Main Game screen, click on the Combat Demo button for a preview of how combat is conducted.



Figure 62 The Battlefield

The attacker will move first. During each turn in combat, you can move any or all of your units. The level of your Leader determines how many attacks you can launch, however. *Units may only move forward, backward, or sideways; they may not move diagonally. Similarly, no attacks can be launched along diagonal lines.*

Moving and Attacking With Units

To *move* units, click on the unit to highlight it and then click on the highlighted square to which you wish to move it. **Note:** If your units occupy a square next to an enemy unit (diagonals don't count), it can only move to squares that are not adjacent to another enemy unit. Artillery and Infantry units may move up to one square per combat turn, cavalry may move up to two squares.

To *attack* with units, click on all of the units that you wish to participate in an attack on a target enemy occupied square. When you have highlighted all the units you wish to use in an attack, click on the target square. **Note:** Artillery and Infantry units may only attack if they have not moved during the current combat turn. Cavalry may move up to one square before attacking, but may not move if they have already attacked during a turn.

To move or attack with all the units in a particular square, hold down the ALT key and click on an unoccupied portion of that square. Then click on the target.

Note: Units may only move into empty squares or squares occupied by friendly units. Squares can contain up to six Infantry units. Each Cavalry and Artillery unit counts as two Infantry units for the purposes of filling squares on the combat grid.

Ending Your Combat Turn

When you have completed all the moves and attacks you wish to make, click on the Done button to end your turn.

Military Units on the Battlefield, Attack Strength, and Damage

This section contains a compilation of information that will help you plan your combat tactics:

Reserves and Home Row: All units begin combat in the reserves, off the battlefield. The first row next to a player's reserves is the home row.

Effect of a Leader: Your Leader determines how many attacks you can initiate per combat turn. He also affects the morale of your units (through Charisma) and those of your enemy (through Reputation). If you win the battle, your Leader will gain experience points that can be allocated toward improving any of his attributes except for Reputation. A Leader's Reputation depends on all his combat successes and failures.

Targets for Attack: Infantry and Cavalry may only attack units in neighboring squares – not at diagonals. Artillery units can attack units several squares away, as long as the target is in the same column.

Movement and Attack Allowments for Units: Infantry units can either shoot or move one square each turn. Cavalry units may move two squares or move up to one square and shoot each turn. If Cavalry units move and attack within the same turn, they receive a charging bonus to their attack, as long as they have not panicked and retreated from enemy units during the preceding turn. Artillery units may move one square per turn (but are limited to the "home row" of the battlefield, i.e., the row nearest your side). Artillery attacks are most effective at close range.

Attack Strength and Taking Damage: All units on the battlefield have a level (or combat strength) that ranges from one to five. This number determines how much damage the unit can take. It also determines the strength of that unit. As this number falls (from taking damage), the unit's strength and hit points decrease. When the number reaches zero, the unit is dead.

Healing: Units do not heal on the battlefield or while traveling. They must be in a colony (attached to a Colony Center) to heal. Healing takes place at the rate of one strength point per game turn.

Morale, Panicking, and Retreating: When units are damaged there is a chance that they will lose morale, panic, and retreat one square towards their reserves. The more damage a unit has taken, the greater the chance that it will retreat. If the unit's Leader has a high Charisma,

this will increase its morale and decrease the probability of retreating. If the enemy's Leader has a high Reputation, however, this will increase the probability of a damaged unit's retreating. If a unit cannot retreat because its path is blocked, it will suffer an additional point of damage while remaining in its current location.

White, Red, and Yellow Numbers: On the battlefield, units with white numbers are recruited military units, those with red numbers are militia units or Artillery units (from Forts) that arise to defend a colony. Damage to red militia units will decrease a colony's population. Damage to red Artillery units, however, will have no effect on a colony's population. Friendly natives that assist in defense bear yellow numbers.

Attacking Artillery Units: If an Artillery unit is the only unit type in a square attacked by Infantry and/or Cavalry units, it may suffer extra damage.¹ Artillery units are less effective when firing on Artillery units than they are when firing on Infantry or Cavalry. This is a counter-battery penalty.

Combined Arms and Flanking Bonuses: If you initiate combined arms attacks (by attacking a target square with more than one unit type), your attacks will be more effective. Furthermore, if you initiate attacks from more than one square, you will gain a flanking bonus. The more squares involved in an attack, the more of a bonus you will gain.

To initiate combined arms attacks you must have more than one unit type capable of attacking a target square. Click on each unit you wish to be part of the attack – this includes neighboring Infantry and Cavalry units, as well as correctly positioned Artillery units. When you have highlighted all the units you wish to participate in the attack, click on the target square.

Flanking and combined arms bonuses are cumulative. So, always use as many units in as many squares as possible to initiate attacks. Both flanking and combined arms bonuses are more effective in that they result in more potential damage to enemy units.

Who Gets Hit: If an attack is launched against a target square that contains more than one type of unit, the units most likely to absorb damage depend both on the attacking and defending units. Basically, units are most likely to attack like units. So, Infantry are most likely to attack other Infantry units, Cavalry are most likely to attack Cavalry, and Artillery will generally fire preferentially on other Artillery. For example, if you have a square full of Cavalry units and this square is probably going to be attacked by a squad of Infantry on the next turn, it is a good idea to move some Infantry units into the square with the Cavalry units to absorb the brunt of the attack.

Fleeing

Click on the Retreat button if you wish to flee from the battle. Your enemy will be allowed one parting shot before your troops can leave. Remember that if an army flees from a colony that it is defending, the colony will be lost to the attacker, or, in the case of raids, the colony will be destroyed.

OOPS!

Click on the Undo button to take back your move. You may not take back attacks, however! You may continue to click on the Undo button to remove successively earlier moves you made during a turn. You may not take back any moves made prior to your latest attack nor can you go back to a previous battle turn.

Combat Practice with the Combat Demo

You may wish to hone your combat skills or simply engage in battles for fun by clicking on the Combat Demo button in the Game Menu screen. When you select this, a Combat Parameters window (Figure 63) will open. Click in the box next to Name and name this battle. Then click on the box next to location and choose a location (forest, river, or grass) for the battle. The location has no effect on the battle; it only alters the graphics on the battlefield. Choose the number of points you wish to allocate to each player for buying units (between 5 and 40) by clicking on the < and > buttons next to Points. Click on Continue to get to the Select Battle Opponents window (Figure 64).



Figure 63. Combat Parameters window



Figure 64. Select Battle Opponents window

From the Select Battle Opponents window, determine whether you or the computer (AI) will be the attacker or defender. (You may play for both sides if you wish or have the AI play for both sides.) Click on Begin to select units for each player or Return to return to the Combat Parameters window.

If you select Begin, the next window to appear will be the Battle Plan window (Figure 65) for the attacking player. Select the country for which the attacker is playing, and then allocate points to purchasing Infantry, Cavalry, and Artillery units or to purchasing points for the Leader. Note, Native players may not purchase Artillery units but are allotted more points than other players.



Figure 65 Battle Plan window

The costs of purchasing units or Leader attack points are as follows:

INFANTRY UNITS: 1 point

CAVALRY UNITS: 2 points

ARTILLERY UNITS: 2 points

LEADER ATTACK POINTS: 3 points

Note: Each unit that is purchased will be a Level 4

military unit. Each point allocated to Leader attack points increases the number of attacks that side can make per combat turn.

When you are finished, click on Continue to get to the Battle Plan window for the defending player. Allocate points here and click on Continue to begin combat.

Ship-To-Ship Combat

Ships may attack one another. As with other combat, ship to ship combat is resolved between game turns, with the results reported in the Messages window at the beginning of the following turn.

To attack an enemy ship, click on your Ship and drag it to the enemy vessel (Figure 66). Then choose to Sink, Board, or Cancel the attack. If you change your mind, double click on your Ship and click on Cancel Attack.



Figure 66 Attacking an enemy ship

Ship to ship combat will be resolved at the end of the game turn. The computer will determine which Ship gets the "wind gauge" or maneuvering advantage during combat. Getting this wind gauge is influenced by the Ship's size, with smaller Ships being more likely to get the wind gauge. Damaged Ships are much less likely to get the wind gauge than undamaged ones. The computer will then determine, based on an analysis of the current situation,

if the defending Ship will try to sink or board its opponent or attempt to run away. Each Ship will then attempt to perform its chosen mission.

If the defending Ship successfully escapes, the confrontation ends and both Ships will typically emerge unscathed.

A grievous duel (attempting to sink enemy Ships) may damage or sink either or both Ships. Damaged Ships move more slowly and must be returned to a Dock to be repaired. Placing a damaged Ship near one of your Docks will heal its damage by one point per game turn.

Boarding actions involve hand to hand combat between crews (Infantry units, the number of which depend on the size of the Ship) and any military units on each Ship. Boarding may result in damage to or sinking of one or both Ships or the capture of one Ship. Military units on Ships will fight at full strength if they are Infantry. They will fight at half strength if they are Cavalry and will abstain from combat if they are Artillery.

The results of all actions, including the hand to hand combat caused by boarding actions, will be determined by the computer and reported in the Messages window at the beginning of the following game turn.

Diplomacy is an important part of *Conquest of the New World*. You can use diplomatic strategies to influence your relations with your Mother Country and other players, staying on good terms with them until you are ready to declare independence or war. You can even influence the way local native tribes view your people. Most diplomatic actions take place in the Diplomacy window, reached from the Main Menu window (clicking on Menu in the Game screen). The sections in this chapter describe the important functions of this screen, as well as diplomatic actions that affect native tribes.

General Advice: Staying on Good Terms with the Mother Country

For European players (this does not apply to Native players), staying on good terms with their Mother Country is vital, until they are strong enough either to declare independence from her or to protect themselves from her retaliation. Staying on good terms with your Mother Country involves:

- *Paying attention to your country's status with other countries.* This means not attacking players with whom your country is on good terms, not trading with your country's enemies, and not proposing Diplomatic deals that differ significantly from what your Mother Country wants. You will be informed in the Messages window of any status changes that your Mother Country makes with other countries; if you are unsure at any time, you may check your country's diplomatic status with another country by looking at the Diplomacy window.

- *Pay your taxes promptly.*

Note: If you upset your Mother Country enough through repeated actions against her wishes, she will eventually assume that you have made a *de facto* declaration of independence. She will then declare war on you, a dangerous state of affairs if you are unprepared.

Checking the Diplomatic Status

Go to the Diplomacy window (from the Main Menu window) to check on the status of your country with that of any player.

Establishing Diplomatic Relations

You cannot establish diplomatic relations or trade with other players until you have encountered one of their colonies. If the early Diplomacy check box is not selected, you cannot do Diplomacy until both you and the other country are Independent.

Proposing a Change in Diplomatic Status

Proposing a change in diplomatic status is one way to try to better (or worsen) relations with your Mother Country or other players. In the Diplomacy window, click on the **Out** button next to the player with whom you wish to alter relations. Then offer a proposal to change the status of your diplomatic relations with that player.

Attacking Other Players

You should not attack another player's units or colonies unless your diplomatic status with that player is Belligerent or worse. If you do, it will lower your diplomatic status.

European Players: War For Independence

Besides limiting your combat, trade, and diplomatic options, your Mother Country will keep raising taxes on you as time goes by. Eventually, even the most law abiding player will wish to declare independence.

There are two ways that European players can declare independence. The first way is to make your country so angry that she declares war on you (see the General Advice: Staying on Good Terms with the Mother Country section above). The second way is to go to the Diplomacy window and click on the Declare Independence button.

Regardless of how it is done, once independence has been declared, your Mother Country will send troops to attack your colonies. You must win the equivalent of three large battles to achieve independence. Kill approximately 100 levels worth of units (the exact amount varies based on difficulty) in order to become independent.

If you change your mind before winning a second assault by the Mother Country on one of your colonies, you can Sue for Peace in the Diplomacy window. If you have already killed 2/3 of the total units, you can either Sue for Peace or Sue for Commonwealth. A commonwealth is not as good as independence, but it will grant you lower taxes and give you more latitude at your relations with other players.

If after declaring a commonwealth you decide to declare independence, you need only win battles equal to 2/3 of the full Independence battle size against your Mother Country to gain independence.

Regardless of the outcome, after a War for Independence, all of a player's colonies will be returned to his control. Colonies that were taken in combat will probably be returned in an unsatisfactory state (damaged, stripped of stockpiles, and with a reduced population).

If a player wins the War for Independence, he becomes fully autonomous. He pays no more taxes and gets better prices in trading with Europe. He can alter diplomatic relations with other players at will. Finally, this status is worth extra victory points at the end of the game. The status of commonwealth is also worth victory points at the end of the game, though it is worth fewer victory points than being fully independent.

Native Players: Federation

Native players cannot declare independence. Instead, they may choose Federation from the Population Detail window, when they feel ready for such an advance. The Native player must actively go forth and conquer other native tribes to bring them into the federation.

Once you start trying to federate, you cannot change your mind, there is no way to "Sue for Peace". Natives will send War Parties against your colonies with the goal of destroying them.

Successfully federating will result in the following benefits or challenges to the Native players:

- All unfederated native tribes become unfriendlier towards you over time and increase in strength, attacking your colonies with larger war parties.
- You have the option to federate native tribes by attacking them and winning in battle against them.
- Any conquered (federated) native tribe will become an instant ally and will defend your colonies from other players.
- Federated tribes double in strength, raid enemy players with larger war parties, and benefit from the research in your War Colleges.
- Federated tribes mirror your diplomatic status with European players.
- Federated tribes double their trade capacity (only for Native players) of any commodity per turn. They can also trade with any of your colonies (independent of distance).
- Additional victory points are awarded for each tribe that is conquered and made part of the federation.

Paying Taxes

The Diplomacy window allows you to pay your taxes or choose to pay your taxes automatically (by clicking on the Tax button and placing a check mark next to Automated). If you wish to pay taxes manually, on turns in which your Mother Country demands taxes (you will be informed through the Messages window at the beginning of the game turn), go to the Diplomacy window and click on Pay Taxes. Remember, you will greatly upset your Mother Country if you don't pay your taxes promptly.

Using Spies

If you wish to learn how well your opponents' colonies are faring or if you wish to sabotage enemy efforts, you can use the Diplomacy window to send spies to enemy colonies. If your spy succeeds, you will gain the requested information or destroy the designated target. If your spy fails and is caught, he may die with his secret or confess. If he confesses, your opponent will learn who sent the spy and may not take very kindly to such espionage efforts.

Native Tribes

Native tribes can be both a blessing and a curse. Friendly native tribes near your settlements will trade goods with your colonies. They may also help defend your colony when it is attacked. However, all natives may occasionally raid nearby colonies. Even friendly natives will do so from time to time, although they will raid less frequently than neutral and hostile tribes.

Hostile tribes actively patrol their borders and will try to engage in combat anyone trespassing on their territory.

If you purposefully attack a native tribe, either by wandering close to a hostile tribe and agreeing to Attack when they confront you or by deliberately targeting any native tribe, you can eliminate the tribe if you are successful in combat. However, such deliberately hostile actions will not endear you to other natives, and your relations with them will cool considerably, decreasing the likelihood that they will trade with you and increasing the chance of being raided.

Chapter 8: Multiplayer Games

Conquest of the New World offers multiplayer modem, network, and E-mail play. The following sections describe how to start a new multiplayer game and how to join one. Aside from the details of setting up and joining a multiplayer game, playing such a game is identical to playing one against computer opponents only. See Custom Making Your Own Game and other chapters in this manual for how to play *Conquest of the New World*.

Starting a Multiplayer Game

- One of the human players in a multiplayer game must set up and register the game. This player should select Create New Game under the Multiplayer section of the Main Game screen (Figure 67).
- All players must use the Options button and select the type of network that they will be using for the game.



Figure 67 The Main Game Screen

This will take you to the Game Setup screen (Figure 68). Most of the choices in the multiplayer Game Setup screen are identical to those for setting up a solitary game (see the Custom Game Setup Screen section for details). The only difference is that you get to determine how many computer and human players will be in the game. You may choose from one to six human players with an unlimited number of computer players. If you wish for both types of players (human and computer), you may have up to four computer opponents playing against two human players.

Note: No two players can play for the same country! Decide beforehand who will play as France, Spain, etc.



Figure 68 Multiplayer Game Setup Screen

When you have chosen the number of players in the game, finish setting up the game. When you are done setting up the game, click on the Register button to get to the Add New Player window (Figure 69). To create your character now, select your characteristics (see the Setting Up Your Player Characteristics section in the Custom Making Your Own Game chapter), and click on Add Player. Alternatively, select Cancel to leave and create a character later. Whenever you choose to return, select Join New Game from the Game Menu screen, click on the game's name, select your characteristics, and then select Add Player.

Use the Network Status window to make sure that all other players are connected



Figure 69: Add New Player window

When all human players have “joined” a new game (see next section), either via network, modem, or on the same computer, the new game will begin. A Multiplayer Game window (Figure 70) will appear that lists all the players in the game on a series of buttons. The computer players’ buttons are grayed out and inaccessible to human players. To take a turn, click on the button bearing your name (when it is not grayed out) and take your turn.

Click on the End Turn button to end your turn. At this point, the Multiplayer Game window appears again, but your name will be in red; you will not be able to proceed in the next turn until everyone else finishes their turn, the computer processes everyone’s commands, and any combat is resolved. To resolve any land combat, involved human players must “sign on” by clicking on the buttons that appear with their names. They can then fight the battle(s). Once all battles have been resolved, the next game turn will begin.



Figure 70: Multiplayer Game window

Hooking Up and Joining a Multiplayer Game

If you wish to join a new multiplayer game on the same computer as someone else, simply select Join New Game from the Game Menu screen, select the multiplayer game you wish to join (you may have to click on the More button to find the game you wish to join if there are a lot of games on the screen), and then define your player characteristics. Select Add Player when you are done.

If you wish to join a multiplayer game through a network (IPX, serial, and modem connections are supported), first select the Options button in the Game Menu screen. Click on the Network button and then choose the type of connection you wish to make (Figure 71).



Figure 71: Network Options

If you select an IPX connection, first make sure that your machine is running an IPX driver. A variety of utilities are available under DOS and Windows 3.1 that are commonly used to support network games. IPX support is built into Windows 95.

Note: When attempting an IPX network connection between Windows 3.1 and Windows 95 machine, you may need to adjust your network settings. See the Troubleshooting section below for details.

Upon choosing an IPX connection, a Network Status window (Figure 72) will appear. This window lists all the machines running the game and connected to the same IPX network. The list shows the player name, if the game is active, and what that player is currently doing.



Figure 72 Network Status window

Once one player has created a new game (see previous section), other players on the IPX network should see the name of this new game appear when they click on Join New Game. (If the list of games is long, you may need to click on the More button to find the new game you wish to join.) Click on the game name and set up your player's characteristics, clicking on Add Player when you are done. The game will begin once all players have joined. Note, if you have already played in the current game, select Continue Saved Game (rather than Join New Game) and select the appropriate game.

If two or more players wish to play on the same machine, click on the Cancel button in the Multiplayer Game window, and then click on Join New Game to add the next player. The game will permit any number of players up to six to play on any machine. The choice of machine is also not locked in once the game has begun. Just make sure that you're not signed in on any other machine, (sign out by clicking on Cancel in the Multiplayer Game window) and, on your current machine, click on the button bearing your player name in the Multiplayer Game window.

If you select a serial connection, the Serial Connection window (Figure 73) will open. Here you can select the appropriate COM port and baud rate. Click on Establish Connection to do so. After you have achieved a connection, click on Join New Game (or Continue Saved Game, if you have joined the game at an earlier time). The game you wish to join should appear. Then click on that game and select your player's characteristics. Click on Add Player when you are done.



Figure 73 Serial Connection Window

If you select a modem connection, the Modem Connection window (Figure 74) will appear. Select the correct COM port, baud rate, initialization string, and the Call/Answer status. The player who is calling in to another's computer should then select Establish Connection. After this, click on the Join New Game button (or Continue Saved Game, if you joined the game previously) for the appropriate game. Set up your player's characteristics, and click on Add Player when you are done.



Figure 74 The Modern Connection Window

Note: If you are playing via E-mail, examine the instructions in the game's README file.

If you do not wish to see the Network Status or Options windows, click on their Close boxes. These windows do not have to be open for a network connection to exist.

Troubleshooting

For IPX network connections:

Use the Network Status window to verify that each machine is connected to the network, running the proper IPX drivers, and running the program. The window updates in real time, displaying each machine as it appears or disappears from the system. This is a good way to check on a machine that has fallen off the network (for example, from a power failure or loose network cable).

Click on the IPX button in the Network Status window to activate scanning over the IPX network.

Although *Conquest of the New World* is a DOS product, it can make use of Windows 95 IPX support. Just run the game using the Windows 95 DOS box and make sure that IPX services are enabled in the Network control panel.

When attempting an IPX connection between Windows 3.1 and Windows 95 machines, you must make a change to the Network control panel in the Windows 95 machine(s), because the default IPX protocol is different than the one expected by Windows 3.1. Windows 95 defaults its IPX Frame Type to "Auto." Changing this to "802.3" may make it possible to communicate with machines running other system software.

All machines must be equipped with IPX driver software and located on the same network. IPX "tunneling" over other network protocols may work with the game but is not directly supported – nor has it been tested.

For serial connections:

If the game is having trouble connecting through a serial port, first make sure that each machine is set up to use the proper serial port and that both machines are set at the same baud rate.

Check that the cable connecting the two machines is a null modem cable or has a null modem at one end. **Note:** You need only one null modem! If there are two null modems, this is no different than having none at all.

If you are still having difficulties, make sure that no other communications programs are running on the machine. Look for programs that may be remapping the serial ports or otherwise changing what the settings should be.

If that fails, the best test is to use a simple serial communications program to test the physical link. Using the same port and baud rate settings as in the game, try to send data back and forth between the machines. If the modem programs can do it, chances are the game can do it, too. If they can't, the game certainly can't. Check your cables and try each machine by itself, using the same cables, connecting to a modem or other simple serial device. This should help isolate which component of the system is causing the problem.

If the physical link appears sound, but the game still cannot connect, try lowering the baud rate. Slower machines operate best at no more than 9600 baud.

If the program connects but seems to lock up while transferring data, try lowering the baud rate.

For modem connections:

Check the COM port setting and the baud rate to make sure they are compatible with the connected modem. Make sure the cable connecting your computer to the modem does not include a null modem.

If the connection still cannot be made, try to use a simple serial communications program to talk to the modem. If you select the options correctly and type "AT" followed by the ENTER key, a standard Hayes-compatible modem should respond with an "OK" prompt. (It is possible to program a modem not to respond like this, but this is rare.) If the modem responds, then the cable is OK. Otherwise, the serial port selection or the cable itself may be a problem.

If the physical link to the modem is correct, try to dial the other machine by entering the phone number and clicking on the Establish Connection button while the other machine selects the Wait For Connection button. If the modem dials and the other modem picks up, but no connection is established, the modems may be expecting different baud rates or they may be incompatible. The best way to analyze this situation is to use a simple serial communications program and try to make a connection without the game. If the connection succeeds, the game should work. If not, the cables, modems, or phone lines may be at fault.

If the game locks up while transferring data during modem play, the most likely reason is that the baud rate is too high. Re-establish a connection with a lower baud rate. If one or both machines are running under Windows, try to run the game under MS-DOS only. The connection should be much more stable, especially on 486 class machines.

You can win *Conquest of the World* in one of several ways. When a game is set up, it is given a number of maximum turns, a winning score, and each player determines their own victory point bonuses (see Custom Making Your Own Game). Whoever reaches the winning score first will win the game. If no one reaches the winning score by the time the maximum number of turns have elapsed, the player with the highest score at that point wins. Finally, if you're the last player standing at the end of the game, you will win.

You obtain a "score" by accruing victory points. Victory points are gained for exploring and discovering important landmarks. Bonus points are awarded for discovering the longest river, highest mountain, or other record-breaking landmark. Victory points are also awarded for founding and developing colonies, winning battles, establishing diplomatic relations with other players, and by significantly altering your diplomats' status - becoming independent, establishing a commonwealth, or federating, depending on your options.

The victory point bonuses you choose when you set up your player characteristics at the beginning of the game may modify how many victory points you get for certain types of accomplishments (see Setting Up Your Player Characteristics) and may provide you with victory point bonuses or penalties for other accomplishments - depending on any special abilities you have chosen. Finally, you can gain or lose additional victory points if you are playing with the Time Bonus at normal or extreme (see The Custom Game Setup Screen).

To get an update on how you are doing in the victory point department, click on the Menu button and select the Game Score button. This will give you a breakdown of your current score. If you click on the Current Standings button, you will bring up the Current Standings window where you will see how your current total victory point score stacks up against your opponents' scores.

Note: there is no way for you to discover what your opponents' victory conditions are. The only way you can try to thwart their attaining victory points is to do your best in analyzing what their priorities seem to be.

Finally, a few comments on the depth of play in this game. Be aware that there are many ways to play and win *Conquest of the New World*. Don't be fooled by the apparent simplicity of the game's design. While this implicitly guarantees that new players can quickly learn the basic rules of the game, it doesn't limit the approaches clever players can take in trying to win. There are many ways to this game, including trying to determine the best way to found and develop colonies to enhance your economic position, how to make the most of War Colleges, which special abilities to choose, how to make the most of diplomacy, how to win tactical battles, and when to declare independence or federate. All of these elements and more contribute to the depth of game play and will continue to challenge players as they develop strategies for winning *Conquest of the New World*.

New Features

Conquest of the New World Deluxe includes many features that are not part of its progenitor. This section describes such features as well as other changes made within the original game.

Scenarios

There are many scenarios available for playing *Conquest of the New World Deluxe*. Playing each of the first five scenarios described below provides some insight into this game. In addition to these scenarios, you can create your own scenarios or edit pre-existing ones.

Tutorial Scenario: This is described in detail elsewhere in this manual.

Island Scenario: Play as Portugal, Spain, or France and try to claim (through exploration and discovery) as much of a newly discovered island as you can before either of your opponents do.

Natives Scenario: As the sole player in the scenario, your objectives are to build up your colonies, to declare that you are federating, and to federate 15 native Indian tribes.

Survivor Scenario: Spain, France, Britain, and Portugal are playing King of the Hill. Choose to play as one of these countries against the other three. The sole survivor wins the game.

Conquistador Scenario: Explore the New World as it might have been (with a new map each game). All five European countries and the Natives are active in this game. You choose as whom to play.

Scenario Templates: You can load in a special formatted text file created in an external editor like Edit in DOS. These files, called Scenario Templates, define the places when ships arrive, and how the map will be built.

Mapped Scenario: Mapped Scenarios define the attributes of colonies and other units on the map. These colonies and units will be in place when the game begins.

You may also have noticed that you can create and edit scenarios from the Game Menu screen. These buttons allow you to create or edit a Mapped scenario (discussed above).

Notes on Editing a Mapped Scenario: During the editing process (while you are placing colonies and units on the game map), you will be able to see the entire game world. A name will appear on the game map for each player to indicate where their first Ships will appear. This will enable you to place colonies and units appropriately.

In editing a Mapped scenario, you can move around the screen as normal. You can also move using the arrow keys. To change which player you are editing, select Change Players and choose the player whose units and colonies you wish to affect.

Choose Create Objects to build a Colony Center (of any level), to build units (you can select any level) and to place buildings (of any level) in a colony. To bring up a box that lets you alter the resources and population within a colony, double-click on the Colony Center.

You can Unfound colonies and Disband units as well. Take care, when you do this, however, as you cannot undo such choices later.

When you are done editing a Maped Scenario, choose Save and Exit.

World Size

When you choose to create a Custom scenario (see Custom Making Your Own Game), you can now alter the size of the land masses in the New World. Choose a number from 80 to 256. Smaller numbers will result in less overall land, and the land masses will tend to be pushed into the right most quadrant of the game world.

All Countries are not Created Equal

In the original game, it did not matter which European country you started as, since all such countries had equivalent capabilities and attributes. The only material decision was whether to play as High Native or as a European. Now, however, each country comes with its own bonuses. Whoever plays as a particular country (human or computer player) receives these bonuses:

Britain: Playing as this country gives you the bonuses equivalent to those you (your ships) would get if you had chosen the Admiral special ability. You can still choose the Admiral ability when playing as Britain. You will then get a double bonus. Your Artillery units receive improved defensive and offensive skills equivalent to 1 plus the ratings of Artillery offense and defense acquired through your War Colleges.

France: Playing as France improves your starting relations with the native Indians in the New World (by 30 points on a 201-point scale). In addition, Cavalry units receive bonuses to their defensive and offensive skills equivalent to 1 plus your War Colleges ratings in Cavalry offense and defense.

High Natives: In addition to the basic differences between playing as native Indians and playing as Europeans detailed elsewhere in this manual, High Natives receive some specific bonuses. All land units move as if they were one level higher than they are (i.e., they can move farther per level than European units can). Native players Gold Mines will always be able to produce some Gold. Unlike those of European players, whose Gold Mines may be useless because productivity modifiers can go as low as -100%, Native players Gold Mines always have productivity modifiers greater than or equal to -90%. Native players Gold Mines also produce more Gold per level than those of European players. Finally, Cavalry units receive bonuses to their defensive and offensive skills equivalent to 1 plus your War Colleges ratings in these areas.

Holland: Playing as Holland has some truly unique benefits. Your Gold stockpiles (in all colonies) accrue interest—at a rate of 5% per game turn! Furthermore, all trades that Holland players conduct with their Mother Country take one fewer turn to complete, although a trade always takes at least one turn. Holland receives no military benefits.

Portugal: Portuguese units move as if you were playing in a game setting that is one easier than it actually is. For example, if you have set the game to Normal movement, Portuguese units will move as if you had set it to Easy movement. This allows them to move an additional 50% per turn! The Portuguese get no military benefits.

Spain: If you play as Spain, your Explorers will act as if they are one level higher than they actually are—that is, they can move farther per turn. Your Infantry units also receive a bonus to their defensive and offensive skill equivalent to adding 1 to your War Colleges ratings in these areas.

The Age of Exploration

Exploration and discovery in *Conquest of the New World Deluxe* have been made even more interesting. Now, besides finding rivers, mountains, regions, etc., your Explorers and other units can make special discoveries. The New World is replete with metal deposits, gem deposits, and other special discoveries just waiting to be made!

If you build a colony near a special discovery, some of your industries may reap a productivity bonus from this favorable juxtaposition. Which industries benefit depends on the nature of the discovery. The amount of the bonus depends on the nature of the discovery and the distance of the building from the discovery.

The player who finds a special discovery is considered the player who controls that discovery. That means, that player's colonies, if they are close enough, will gain the benefits of the discovery. However, an opposing player can wrest control away from the founding player by placing a unit adjacent to the discovery. As long as the unit is there, the new player controls the discovery and gains benefits from it.

Note: each special discovery, if it enhances an industry's productivity, has a magnitude and radius over which it confers this benefit. The amount of the benefit decreases with distance from the discovery, until it dwindles to no effect after it reaches the radius of its influence.

To view the radius of effect of a special discovery, just click on the discovery. To get a list of this radius and the productivity bonus the discovery confers, double click on the discovery. If you have a building that is benefiting from a discovery, the amount that its productivity is increased because of its proximity to a special discovery is indicated in brackets to the right of the building's bonus. (You can view a building's productivity by double clicking on the building.)

Below is a list of some of the special discoveries you may find in the New World:

Metal Deposits or Mines: Gold and Silver Deposits increase the production from Gold Mines. Tin and Iron Deposits increase production from Metal Mines. Copper Deposits increase both Gold and Metal Mines productivity.

Forests: All special forests—Redwood, Oak, Cherry, Teak, and Maple—increase the production of Mills.

Agriculture: Fields of Rice, Wheat, Corn, Potatoes, and Alfalfa increase the production of Crops by Farms.

Medicinal Herbs: These finds increase nearly Church's bonuses to immigration.

There are also rare special discoveries that are unique and not necessarily present in any particular game. Among these rare discoveries you can expect to find:

Fountain of Youth: Increases the growth rate of the population of all colonies of the controlling player.

Pyramid: Improves all Leaders belonging to the controlling player. Bonuses are +4 Leadership, +2 Combat, and +1 Movement. Bonuses for Native players are doubled and the Native players Leaders also gain +2 Charisma.

Lost Dutchman Mine: Increases the Gold production from all Gold Mines owned by the controlling player by 25%.

Ancient Ruin: May give you one of several special bonuses.

The Building List Button

When you double click on one of your Colony Centers, you will find a new button, the Building List button. Clicking on the Building List will give you a list of all the buildings in this colony, their levels, and their productivities. Furthermore, if you highlight one of the buildings by clicking on it, that building will be highlighted so you can locate that building easily in your colony. This is extremely helpful for equipping, upgrading, and rebuilding your colony.

Trade Alliances

A new option in the Trade Menu is to select Trade Alliance. By selecting this option, you are proposing a long term trade alliance with another player's colony. In order for the alliance to go into effect, the other player must agree to it. Furthermore, either player may cancel the trade alliance at any time.

The option to form a trade alliance will only be there if your diplomats' status with the other player is better than that of Understanding.

Once agreed to, a Trade Alliance begins with the exchange of 1 unit of the commodities being traded. The amount being traded increases by 10% per game turn (rounding up) until the maximum level is reached. The maximum amount that can be traded is determined by the size and trading capacity of each of the colonies involved in the alliance.

Exiting Without Saving

If you click the Menu button in the Game screen, you will find a new option Exit. Clicking this button lets you quit the game without saving the moves you have made during the current game turn.

Communicate

Pressing C while viewing the Map will open a window that allows you to send a message to another player in the game. The message will be received on the next turn.

How To Play By E-Mail

This chapter provides detailed information for playing *Conquest of the New World Deluxe* by e-mail or any other off-line means of data transfer.

In network play, up to six people can play *Conquest of the New World Deluxe* at one time on any number of machines. Multiple players can use a single machine.

Since this is a turn-based game, each player independently moves, initiates combat, and other wise conducts his or her turn. When all players have completed their turns, the game turn can be "processed," allowing a new turn to begin. Each computer independently computes the results for the current game turn. A special synchronization code ensures that all machines produce identical results. This also keeps the amount of data that must be sent for each turn to a minimum, making modem transmissions as brief as possible.

In play by e-mail, players make their moves and pass a data file (a .PRM file) around to one another. Note: If you are playing a game with only one other player, you can play two turns in a row before passing the game to the other player. In games with more than two players, one player gets to go twice in a row on each turn, with players rotating through this position.

Play by E-mail is the same as network play except that combat is not resolved head-to-head. The computers will play out battles between the human player's forces and determine the results. To keep all the machines involved in the game synchronized, you cannot control combat against natives or computer players yourself, either. The computers will conduct all your battles for you.

Starting a New Game

To begin a new play by e-mail game, one player must create the game and then pass the game file to each of the other players. Each player in turn must decide on a name to use in the game. Each player must also choose their player settings. After the last player is added to the new game the world will be created and that player can then start their first turn.

Here's how to get things started:

- 1) Get to the Game Menu of *Conquest of the New World Deluxe*.
- 2) Click on the Multiplayer Create New Game button.
- 3) Choose the number of players, victory conditions, difficulty levels, etc. Place a check in the Play By E-Mail box at the bottom of the option list (Figure 75).
- 4) Click on the Register Game button.
- 5) An Add Player window will appear. Choose a name and select your victory point bonuses and special abilities. When you are done, click on the Add button.



Figure 75. *Play by E-mail*

- 6) The Current Game window will appear. Click on the the Play By E-Mail button.
- 7) In the Play By E-Mail window, click on Create a PBM File for Sending. (Figure 76)
- 8) A window will appear with a default name (SAVEME.PBM). Change the name if you like. Click on the

Create button to write this file to your hard disk.

9) Quit the game by clicking on the Cancel buttons until you are back in the Game Menu screen. Then select Quit Game.



Figure 76. *Create a PBM file*

- 10) In your Conquest of the New World Deluxe directory you will find your .PBM file. Send this file to the next player using whatever means are appropriate.

Note: Before sending the file, you can compress it, UUENCODE it, or BINHEX it. It's a good idea to use a file format that performs CRC checking on the file at the recipient's location, to be sure that no transmission errors

occurred. PKZIP (from PKWare) does this automatically.

On To Player Two: Joining a New Game

The player who receives the new .PBM file from the previous player (who just created the game) will do the following:

- 1) Get the .PBM file and decompress or decode it if appropriate. Place the file in the Conquest of the New World Deluxe directory.
- 2) Start the game and select the Multiplayer Join New Game button from the Game Menu screen.
- 3) This brings up an empty list. Click on the the Play By E-Mail button at the bottom of the new window.
- 4) This brings up the Play By E-Mail window with the top button grayed out. Click on the second button, the Load and Process a Received PBM File button.
- 5) This opens a new window. At the top of this window is the name of a .PBM file. Three buttons underneath read Process, Find Another, and Cancel. When you have the correct .PBM file shown at the top of the window, click on Process.

Note: If there is a message that says no .PBM files were found, make sure that you put the .PBM file into your current Conquest of the New World Deluxe directory. Then verify that the time and date of the file are correct. It's possible, for example, that an old game file is interfering.

6) You will now be back in the Game Menu screen. Click on the Multiplayer Join New Game button.

7) This will take you to the Multiplayer Join New Game window where you should see a game with a few listed players. Click on the button with the game's name on it.

8) This brings up the Add Player window. Choose your name, victory point bonuses, and special abilities. Click on the Add button when you are done.

9) If you are the last player, the world will be created and you can begin the first turn. Click on End Turn when you are done. You will end up in the Current Game window with a list of buttons for each player and a Play By E-Mail button at the bottom.

If you are not the last player, performing Step 8 will land you in the Current Game window with a list of buttons for each player and a Play By E-Mail button at the bottom.

In either case, click on the Play By E-Mail button.

10) Click on Create a .PBM File for Sending. Then click Create .PBM File.

11) Quit the game by clicking on the Cancel buttons until you are back in the Game Menu screen. Click Quit Game.

12) Find your SAVEFILE .PBM file in your Conquest of the New World Deluxe directory. Send this file to the next player.

Continuing the Game

Once all players have joined the new game, click on the Continue Existing Multiplayer Game option from the Game Menu screen. In all cases the process is the same as in the preceding section, except that you don't have to join or add yourself to the game. Instead, you process the game, take your turn (or two turns, if you are the last player taking the current game turn), and send the file out to the next player.

In detail

1) Get the .PBM file from the previous player. Decompress or decode the file and place it in the Conquest of the New World Deluxe directory.

2) Start the game and select Continue Existing Multiplayer Game from the Game Menu screen.

3) Click on the button with your game name on it. Click on Play By E-Mail.

4) This brings up the Play By E-Mail window with the top button grayed out. Click on the second button, the Load and Process a Received .PBM File button.

5) This opens a new window. At the top of this window is the name of a .PBM file. Three buttons underneath read Process, Find Another, and Cancel. When you have the correct .PBM file shown at the top of the window, click on Process.

Note: If there is a message that says no PBM files were found, make sure that you put the PBM file into your current Conquest of the New World Deluxe directory. Then verify that the name and date of the file are correct. It's possible, for example, that an old game file is interfering.

- 6) You will now be back in the Current Game window. Click on the button with your name and play your turn. Click End Turn when you are done.
- 7) If this is a two-player game or if you are the last person to play on this turn, you can play another turn. When you are done with your turn(s), you will be returned to the Current Game window. Click on the Play By E-Mail button.
- 8) Select Create a PBM File for Sending. Then click on Create PBM File.
- 9) Quit the game by clicking on Cancel buttons until you are back at the Game Menu screen. Click on Quit Game.
- 10) Find the SAVEM- PBM file in your Conquest of the New World Deluxe directory and send it to the next player.

A Typical Turn

Playing Conquest of the New World Deluxe by e-mail is easy. Below is a summary of the steps you must take to play one game turn:

- 1) Receive a PBM file from the previous player and place it in your Conquest of the New World Deluxe directory.
- 2) Get into the Game Menu of Conquest of the New World Deluxe, click on Continue Existing Multiplayer Game, and select Play by E-Mail. Click on the Load and Process a Received PBM File button. Select the correct PBM file and click on Process.
- 3) When you are done, select your game, and then select your player. Play your turn as normal. Click on End Turn when you are done.
- 4) Return to the Current Game window (this is automatic) and select Play By E-Mail. Click on the Create button and save the game file to your disk. Quit the game.
- 5) Send the file to the next player.

Troubleshooting

Because e-mail play offers so many options, there's always a chance that a game will be set up incorrectly. Here's what to watch out for:

- 1) Each player should click on the Add Player button on the machine where they will be playing their game. If two or more players are playing on the same machine, they should both add themselves before passing the file to the next player. Do not try to add all players on a single machine as this may prevent the game from setting itself up properly on each machine that will be used during actual gameplay.

2) If you accidentally click on a button belonging to a different player, don't click End Turn or Save and Exit. Instead, use the emergency exit key sequence: Hold down the Shift key and hit the F10 key. This will take you out to DOS (or Windows) and will not save any information to the hard disk.

3) If you cannot get all players back into synchronization using e-mail, send the entire set of game files to each player. To do this, find the name of the current game file by looking in your Conquest of the New World Deluxe directory for all files with the .TF2 or .GF2 extensions. Look at the time and date of each file. The most recent files are what you want. Alternatively, go to the Continue Loading Multiplayer Game window and click on the Delete button. Click the name of the game. A Confirmation window appears that shows the file name. Now click on Cancel so you don't delete the game.

Each game consists of a pair of files with the same name and the extensions .TF2 and .GF2. If you're in a network, copy both files from the same machine (which still has a correct copy of the game). Send the files to all the other players.

Each player should delete the received data and place the new .TF2 and .GF2 game files into their Conquest of the New World Deluxe directories, overwriting old files.

Power User Tips

You can also play *Conquest of the New World Deluxe* using a "Star" configuration. Everyone must send their files to a selected player, who will process the turn and send out new SAVEME PBM files to everyone each turn. Each player must name their saved PBM file differently when sending it (use agreed-upon names) to prevent inadvertently overwriting game files.

Conquest of the New World Deluxe Edition Credits

*Producer	Vince DeNardo
*Line Producer	William C. Fisher
*Lead Programmer	Greg "Bugger Office" Masters
*More Brains & Scenario Staff	George Shackelford
*Additional Programming	Shun Hwang
*Design	Vince DeNardo, William C. Fisher, Tom Hughes Greg Masters
*Appreciated Assistance	Durwan Manday, Michael Gerard, Robert "The Cleaner" Barn, Ryan Garrahan
*Art Direction	Todd Camasta
*3D Art	Jan Hornback
*Additional Playtesting	Dennis Volper, Craig Wamsley
*Director of Quality Assurance	Chad Allison
*Assistant Director of QA	Colin Torman
*Lead Tester	Steve Victory
*Testers	Amy Mitchell, Charles Crad, Grog Bannister, James Chung, Evan Chantland, Erick Lujan, Bill Field, Marvic Ambata
	 *Original Release

Conquest of the New World Original Credits

Producer	Vince DeNardo
Line Producer	William C. "You Want It When?" Fisher
Lead Programmer	Bron "Wood Al" Garabram
Feature Boy & Beast of Burden	Greg "Midnight Oil" Masters
Plastic Brains	George "Oh Shut Up" Shackelford
Additional Programming	Robert Barns, Michael Gerard, Brian MacDonald
Design	Vince DeNardo, William C. Fisher, Bron Garabram Greg Masters
Additional Design	Alan "the" French, Michael Gerard, Tom Hughes George Shackelford, Craig Warnsley
Art Direction	Todd Canasta
3D Art	Jim Hornback, Brandon MacDougall
Audio Director	Charles Deenen
Sound Effects	Larry Peacock, Gregory R. Allen, Charles Deenen
Sound Effects Mastering	Craig Duran
Music	Richard Band
Music Mastering	Kevin Reeves and Jason Arnold at Capitol/Tower Mastering
Introduction Voice	Bill E. Martin
Audio Programming	Bron Garabram
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Country Names and Titles	Steve Perrin, Scott Bennie, David "Zeb" Cook
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Compatibility Technicians	Dan Fornyth, Marc Duran, Derek Gibbs, Aaron Blair Phuong Nguyen, Jack Parker
IS Technicians	Aaron Meyers, Bill Delft
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In Memory Of	Vince DeNardo Sr., Lyman Masters, Orange Julius and Agat

*Here's hoping they're having a great time
playing Conquest over Heaven's net
(wherever they may be logged in!)*